FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1543.-Vol. XXXV.

LONDON, SATURDAY, MARCH 18, 1865.

STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE

MR. JAMES CROFTS, SHAREBROKER,

No. 1, FINCH LANE, CORNHILL.

(Established 22 years.)
ining shares DIFFICULT of SALE in the OPEN MARKET may
by negociation, through Mr. Chorn's 'agency. Also, parties requiring
act as to the DISPOSAL, or ABANDONMENT, of doubtful mining
tably avail of Mr. Chorn's long experience on the market in all cases

ay profubly avail of Mt. Chert's Box 25 MARKET PRICES:—25 South St. 207 SHARES FOR SALE, AT LOWEST MARKET PRICES:—25 South St. 45. 66; 20 East Vor. 35s.; 25 Great North Laxey, £2; 15 North Treakerby, 24%; 108 Bool-Aur; 109 West Maria and Fortescue, 41s.; 15 Quebrada (£6 10s. paid), 24%; 10 Wheal Union, 12s.; 5 Wheal Margarot, £5%; 1 Grambler, £5%; 1 East Ly Wheal Union, 12s.; 5 Wheal Margarot, £5%; 1 Great South Totogs, £5%; 5 West Fower, 35s.; 25 Rosewarne Consols, 50s.; 5 Great South Totogs, £5%; 1 Wheal Crebor, 46s.; 5 East Carn Brea, £6%; 75 Bedford (Colcharge, £6.6; 15 Wheal Crebor, 46s.; 5 East Carn Brea, £6%; 75 Bedford (Colcharge, £6.6; 15 Wheal Crebor, 46s.; 5 East Carn Brea, £6%; 75 Bedford (Colcharge, £6.6; 15 Wheal Crebor, 46s.; 5 East Carn Brea, £6%; 75 Bedford (Colcharge), £6.6%; 7

alo, is 1 50 Unity, 8s.

JANES LANE IS & BUYER of Resewarns Consols, East Seton, Wh. Crebor, Wh. Union

98 South Lovell, £2; 29 South Darren, £25; 100 Vales of Yeavy, £2, 50 Silver Squartin, 6x; 50 Unity, 50:

1 ARTS LANE is a BUYER of Rosewarne Consols, East Seton, Wh. Crebor, Wh. Union

M. R. WILLIAM LELEAN (Member of the Mining Exchange), has

1 For Salle the FOLLOWING SHARES, at nett prices:

48 Bedol- Aur. 15s.

49 Bedol- Aur. 15s.

50 Creat Wh. Basy, 16s 9d 150 South Grenville, 3s.

50 Cotal Kishem. £45.

50 Catal Kishem. £45.

50 Catal Kishem. £45.

50 Creat Kishem. £45.

50 Creat Kishem. £45.

50 Creat Kishem. £45.

50 Past Insert, £6 8 9 20 Nov. Clifford.

50 Fast Insert, £6 8 9 20 Nov. Clifford.

50 Fast Insert, £6 8 9 20 Nov. Treakerby, £2 8 6 50 Stat Insert, £6 8 9 20 Nov. Treakerby, £2 8 6 50 Fast Insert, £6 8 9 5 Nov. Rosewarne, £74.

50 Fast Rosewarne, £68.

50 Creat Korth Lazey, £2.

50 Creat Korth Creat K

ME. HENRY BULLEN, MINE SHAREDEALER, 1, PINNER'S COURT, OLD BROAD STREET, LONDON, E.C.

E. GOMPERS, MINING OFFICES, CHOWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C. SS TRANSACTED IN BRITISH and FOREIGN STOCKS and SHARES, Terms, 14 percent. Bankers: London and Westminster Bank. NOTICE OF REMOVAL.

MR. J. B. REYNOLDS has REMOVED to No. 3, CROWN COURT, OLD BROAD STREET, LONDON.

WANTED TO PURCHASE, a FEW BOSEWARNE UNITED SHARES.—Apply to Mr. J. B. REYNOLDS, 3, Crown Court, Old Pred-street, London, E.C.

WARD AND CO., BANK NOTE ENGRAVERS, BOOKS, have REMOYED, from 56, Bartholomew-close, to their more central fre-

MR. WILLIAM MARLBOROUGH, 1, GREAT ST. HELEN'S BISHOPSGATE STREET, LONDON, E.C., has FOR SALE, at nett prices liewing shares: -5 Cwm Erin, £88½; 100 Pendeen,£9½; 100 Sortrige, 1s. 64. quies,£16½; 20 Chiverton Moor,£9½; 60 East Laxey; 50 North Chiverton sell Hartly; 5 Cook's Kitchen,£6 is. 3d.; 80 Prince of Wales; 15 Roseward; 5,38s. 9d.; 10 East Russell, 48s. 9d.; 2 East Bassell.

THOS. THOMPSON, MINING OFFICES, 12, OLD JEWRY CHAMBERS, LONDON, E.C. 14, and its various mines, and continually receiving private and valuable information will be happy to communicate with anyone thinking of making as insent in the mines of this district.

MR. JOHN BATTERS, STOCK AND MINING APPLIES OF THE STOCK AND THE STOCK AND

List free on application.

*** SPECIAL BUSINESS in Great North Laxey. MR. T. ROSEWARNE, 81, OLD BROAD STREET,
LONDON, E.C., has FOR SALE:—
Breakpyd, £47%.
Clarged, 2504.
Clarged, 25

Cliverton Moor, £3%.
Cliverton

Marci II, 1866.

Bankers: Bank of London.

M. R. GEORGE BUDGE, No. 4, ROYAL EXCHANGE BULDINGS, LONDON, E.C. (Established 17 years), has FOR SALE at nett prices of Wesley Wesley Gell, 12, 9d.; 2 Minera, £295; 5 East Basset; 50 Wheal Harting; 10 Dais, 8a, 9d.; 10 Mandin; 5 Brynford Hail; 25 East Grenville, £4; 1 Wheal been 10 Dais, 8a, 9d.; 10 Mandin; 5 Brynford Hail; 25 East Grenville, £4; 1 Wheal been 25 Great Devon and Bedford (Colcherton); 5 Bryn Gwiog, £15; 20 Quebrada (fully 30), £3/4; 25 Rosewarne United; 10 Wheal Uny, £2/4; 60 East Rosewarne, £3/4; 10 Manding, £5/4; 20 Colcherton; 25, 20 Ciljah and Westworth; 100 East Wheal Ellen, 8a, 6d.; 100 Ckel Toy; 60 Great Sorth Laxoy, £25; 120 Dan Mountain, 26/4; 15 East Loveli; 25 Sithnya Metal, £6/4; 15 Morth Buller; 25 Sithnya Metal, £6/4; 10 Morth Miners preference, 8a, 6d.; 75 Bottle Hill, 8a; 56 Great Vor; 20 Wh. Ass; 50 Par Console; 50 North Pool, 20a.

Rankers: Messrs, Glyn, Mills, Currie, and Co.

EAST WHEAL LOVELL.—MR. PETER WATSON begs to state, for the information of his friends, that this mine has recently been inspected by a thoroughly competent and practical engineer, on behalf of a shareholder (who has kindly favoured him with a sight of a very long, satisfactory, and explanatory (who has kindly favoured bin with a sight of a very long, satisfactory, and explanatory report), and on the faith of the information thus received this shareholder has considerably increased his interest in the mine, by buying more shares at above the present quoted prices. In next week's "Circular" Mr. Peter Warsow will give some important particulars about this mine, as to its present working position, and excellent future prospects; in the meantime he strongly recommends "One and All" to make a good purchase at once, whilst shares can be had at (what he considers) the present very I we price. They may again see a high price shortly, now that the new shaft (which has taken many months to accomplish), is complete, and the several rich courses of tin ground left standing to be soon operated upon.

Friday evening, closing price, £11½ to £12½ each.

Friday evening, closing price, £11½ to £12½ each. 79, Old Broad-street, London, E.C.

GREAT NORTH LAXEY (LIMITED).—Ms. PETER WATSON strongly recommends this mine to his friends and the public, at the

TOCK AND SHAREDEALER.—MR. PETER WATSON, ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 79, OLD BROAD-STREET, LONDON, E.C.
Twenty years' experience.

(Two in Cornwall and Eighteen in London.)
Bankers: The Union Bank of London, and the Alliance Bank.

Every information can be obtained on personal application, or by letter, as to pur-hases and sales of Mine, Railway, Bank, and other Shares and Stoks, and the best in-

vestment for capital.

From the close proximity of his offices to the Stock Exchange, as well as the Mining Exchange, FETER WATSON is enabled to act with promptitude on all orders entrusted to him, which at all times are carried out with punctuality. DETER WATSON'S WEEKLY MINING CIRCULAR AND

SHARE LIST, published every Friday, price 6d. each copy, forwarded on appliation. This Circular contains weekly important information with respect to all the rincipal Dividend and Progressive Mines in Devon and Cornwall. Annual subscripton, £1 ls.; single copy, 6d. 79, 0dl Broad-street, London, E.C.

O S E P H J. R E Y N O L D S, JUN.
37, OLD BROAD STREET, LONDON, E.C.
REYNOLDS recommends for immediate purchase shares in Roskerroweth and Eas othe recommends for immediate purchase shares in Roskears, being confident that a rise in price equal to cent. per cent res can now be obtained at about £1 per share in each mine

M. R. EDWARD COOKE, MINING SHAREDEALER,
2, CROWN CHAMBERS, THREADNEEDLE STREET, AND MINING
EXCHANGE, LONDON, E.C.
The following mines desit in at fair market prices net:—South Darren, East Lovell,
North Chiverton, Great North Laxey, Clifford, Frank Mills, and Great Laxey. These
shares are all deserving of especial attention, as from their present price there is not
much chance of any decline, but the tendency is decidedly upwards.

March 17, 1865.

Bankers: Alliance Bank, Lothbury.

March 17, 1865. Bankers: Alliance Bank, Lotbury.

M. R. C. POWELL, MINESHAREDEALER,
78, OLD BROAD STREET, LONDON, E.C.
(Member of the Mining Exchange.)
Mr. POWELL begs to inform his friends and the public that he TRANSACTS BUSINESS, as BUYER or SELLER of SHARES in MINES, at close nett prices, either for cash or the fortnightly settlement.
Mr. POWELL continues to recommend the Frontino and Boliwia (South American) Gold Mining Company's shares for investment. The immense gold-yielding resources of these mines are being rapidly developed under the superintendence of Capt. W. Goyen (late of the St. John del Rey Company's Mines), whose abilities as a practical gold miner are indisputable. The directors (who hold about one-quarter of the shares) are gentlemen of high standing, and the shares generally are well held.
Mr. Powekl is a BUYER or SELLER of these shares, and is prepared to make a close price to parties having business in them, either for cash or the fortnightly settlement.
March 17, 1865.

Bankers: Cliff Bank, Fisch-lane.

MATTHEW GREENE, STOCK AND SHAREDEALER,
M. GREENE is favoured with instructions to SELL the FOLLOWING SHARES, at
60 Great Retailack, 1s. 6d.
10 North Tresherby, £2%.
10 Now Clifford, £1%.
10 Tresherby, £2%.
10 Tresheran, £4.
10 Tresherby, £2%.
10 Tresheran, £4.
10 Tresherby, £2%.
10 Treshers, £4.
10 Treshers, £4.
10 Tresherby, £2%.
10 Tresherby, £2%.
10 Treshers, £4.
10 Tresherby, £2%.
10 Treshers, £4.
10

5 Tressvenu, 20.

Gentlemen can have shares registered before payment.

M. GREENE informs his friends who acted on his advice, and bought Great Laxeys from £4 upwards, that the shares have now reached £20½ buyers. M. GREENE now recommends New Clifford abares as certain to double their present price in a short time. recommends New Citizora abares as certain Coloning price, £2 to £2 1/4.

Bankers: Imperial Bank, and London and County.

M. R. GEORGE BATTERS strongly recommends his friends to buy west Chiverton, Chiverton, Herodafoot, South Caradon, Devon Great Consols, Great Wheal Vor, Wentworth Consols, and Sithney Wheal Metal for investment. These shares will pay good interest for money at present quotations.

Advertisements have recently been inserted in the columns of the Minimo Journal by dealers who, having sold shares for forward delivery endeavour to frighten timid holders in order to possess themselves of their shares to fulfit their contracts; this system has been adopted particularly against Great Wheal Vor, West Chiverton, and Chiverton shares, and I caution my friends against parting with their property, or giving credence to the unfounded assertions of interested parties.—76, Old Broad-street, London, E.C.

MR. T. P. THOMAS'S NEXT SALE of SHARES, BY PUBLIC
AUCTION, will TAKE PLACE, on THURSDAY, March 23, 1865, when,
amongst others, he will submit the foliowing shares for sale:

398 Crowan Consols (forfstied for non-payment of calls).

160 West Great Work.

5 New Rosewarne.

160 Cape Cornwall (Limited), fully paid.

160 Wheat Hartley,

180 Wheat Hartley,

180 Wheat Hartley,

190 New South Caradon.

2 Tesavean.

2 West Caradon,

2 West Caradon,

2 West Caradon,

2 West Caradon,

2 Orake Walls.

100 New South Caradon. 2 Tresavean. 20 South Caradon Hot Dear Consols. 2 West Caradon. 20 West Growtijis. 10 Fowey Consols. 6 Polbreen. 50 Drake Walls. 10 West Fowey Consols. 8 North Roskear.

Mr. Thomas requests parties desirons of putting up shares at this sale will let have their instructions not later than Thursday, 16th inst., in order that they madvertised.—6, New Broad-street, London, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 37, OLD BROAD STREET, LONDON, E.O. Mr. THOMAS has in course of preparation a pamphiet relating to mining investment and speculation at the present time, which will shortly be published, price is.

MR. FRANCIS G. LANE, No. 2, ROYAL EXCHANGE, LONDON, E.C., has the following SHARES FOR SALE, free of commission:—

R. FRANCIS G. LANE, NO. 2, ROYAL EXCHANGE, LONDON, E.C., has the following SHARES FOR SALE, free of commission:

100 British Slate
5 Bryn Gwiog, £17\(\frac{1}{2}\),
50 Cefa Clicen, 10s. 3d.
10 Clijah and Wentworth,
£2.
25 GL South Tolgus, 42s.
25 GL South Tolgus, 42s.
26 GL South Tolgus, 42s.
26 GL South Tolgus, 42s.
26 GEAS Caradon, £16\(\frac{1}{2}\),
10 East Caradon, £16\(\frac{1}{2}\),
10 East Caradon, £16\(\frac{1}{2}\),
10 East Grenville, £3\(\frac{1}{2}\),
10 East Grenville, £3\(\frac{1}{2}\),
10 East Grenville, £3\(\frac{1}{2}\),
10 East Caradon, £16\(\frac{1}{2}\),
10 East Caradon, £14\(\frac{1}{2}\); and 100 Drake Walls, 8s.
Parties of respectability can have transfers registered into their names previous to payment.

Bankers: London and County Bank.

Great Laxey.—Mr. F. G. Lane cails attention to the report of the half-yearly meeting of the Freat Laxey Company, which appeared in last week's Mining Journal, and would remind his friends and the public that Capt. Rowe, the manager, is of the decided opinion that nearly all the reurns of that very rich mine come from Great North Laxey idee. Great North Laxey Mine is also opening out well. The lode in the shaft continuing worth 2 tons of lead ore; and the 60 south 1 ton per fm. Mr. F. G. Laxe can at present sell a few shares at £3 selt each, and they are expected to have a considerable rise. Great Laxey's (now 16,000) have risen to £19, £20. MR. JAMES WALTON, STOCK, SHARE, AND MINING BROKER, 9, QUEEN'S SQUARE, BRISTOL.

I L L I A M S E W A

HARRIS AND CO., STOCK AND SHAREBROKERS,
AND FINANCIAL AGENTS,
15, GEORGE STREET, MANSION HOUSE, LONDON, E.C.

M ESSRS. WARD AND JACKMAN,
2, ADAMS COURT, OLD BROAD STREET, AND
MINING EXCHANGE, LONDON, E.C.
Bankers: London and Westminster, Lothbury.

Hankers: London and Westminster, Lothbury.

Established Twelve Years.
GOULDSSHARES, nett:—
32, POULTRY, LONDON, E.C.
(Member of the Mining Exchange).
Is a BUYER for IMMEDIATE CASH of the FOLLOWING SHARES, nett:—
100 Nanglies, £18.
150 East Chiverton, 15s.
150 East Chiverton, 15s.
20 Trelawny, £20.
1 Day, Gt. Con., £582½
10 Cinford Amal., £20.
150 Wheal Emma.
150 East Carn Brea.
20 Crane, 5s.
20 Lady Bertha, 5s.
20 Lady Bertha, 5s.
20 Great Vor, £32.
20 East Caradon, £14½.
215 Kelly Bray, 5s.
216 Lady Bertha, 5s.
216 Lady Bertha, 5s.
2175 Kelly Bray, 5s.
2176 Lady Bertha, 5s.
2176 Kelly Bray, 5s.
2177 Kelly Bray, 5s.

JOHN RISLEY, 32, LOMBARD STREET, LONDON, E.C. SHARES in MINES BOUGHT and SOLD on commission, at 14 per cent., for

J SHARES in MINES BUCGHT and State of Wheal Creber, Wheal Grenville, South Grenville, Mest Caradon, and others for a great rise within the next three months. There is every probability of Wheal Creber rising 100 per cent., Grenville 29 per cent., South Grenville 200 per cent., and West Caradon 300 per cent.

Bankers: London and Westminster, Lothbury.

WILLIAM BARTLETT, MINING SHAREDEALER,
No. 2, BUCKLERSBURY, LONDON, E.C.
(Member of the Mining Exchange).
Mines inspected by experienced and trustworthy agents.
Business, as buyer or selier, at close nett prices.
Cheques sent by post should be made payable to my order, and crossed "Alliance Bank."

ROSEWARNE UNITED.—SHARES WANTED in this mine. 55 street, London, and Mining Exchange.

WANTED, AN OFFER FOR-525 Camborne Vean shares

AN TED, AN OFFEL FOR—520 Camborne Veen shares, 228 West Great Work.

50 Marke Valley.

26 North Phomix.

26 North Phomix.

Commission on sale or purchase, 2½ per cent. No charge for advertising.

Orders will meet with immediate attention, and advised without delay.

GEORGE WALLIS, 130, LONG ACRE, W.C.

GEORGE RICE, 5, COWPER'S COURT, BIRCHIN LANE, LONDON, E.C. (23 years' experience), Member of the Mining Exchange, has SPECIAL BUSINESS, as BUYER or SELLER, in the following:

Closing quotations.

Geo. Rice will return from Devon and Cornwall next week, and will give to all who may apply sound advice as to buying or seiling shares in any mines in those counties.

March 17, 1865.

Bankers: Bank of London.

prices.

There are a few good things at low prices which may be secured, and on which great. There are a few good be made on a rising market. Mr. Huxz will give confidential advice respecting such, and cautions his friends against new schemes having similar names to old established successful mines, but have of themselves no merit, and are only traps for

old entantial discountries of the unwary.

J. Huma's "Circular" for March is now ready, and contains a variety of in information on rising mines.

M. R. WALTER TREGELLAS, 3, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C., has BUSINESS in the FOLLOWING MINES:—Santa Barbara, Frontino and Boitvia, Montes Auros, Great Vor, North Shepherds, East Caradon, North Roskear, and Roskearnoweth. These shares are strongly recommended for investment at present low prices.

FOR SALE:—10 Naw Hendra, 23%; 30 Prince of Wales Siate, £3½; 10 Princess of Wales, £5½; 50 East Snacfell, £3; 20 Roskearnoweth, 18s.

An OFFER WANTED for Cronver Wheal Abraham.

Mr. TREGELLAS is a BUYER of Santa Barbara and North Shepherds, at close marget prices.

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tions courselves that with the term of the

Original Correspondence.

PROTECTION OF INVENTIONS AT INDUSTRIAL EXHIBITIONS.

PROTECTION OF INVENTIONS AT INDUSTRIAL

EXHIBITIONS.

Sira,—The notice that has already appeared in the Mining Journal of the bill now before Parliament." for the protection of inventions and designs exhibited at certain industrial exhibitions in the United Kingdom," and of the bill for effecting similar objects as regards the Dublin Exhibition, 1865, are truly to be characterised as wholly inadequate to the accomplishment "of the end proposed," which has been understood by all interested as being what the titles of these bills seem to intimate—the protection and exclasive reservation to those inventors or designers who exhibit their unpatented or unregistered productions at working men's and other industrial exhibitions of the right to secure to themselves patents or registrations, in order that, if possible, they may thereafter be enabled to reap the just reward of their efforts for the advancement of the practical arts, and thus be placed, to some extent, on a par with such of their brother exhibitors as may contribute original pictures, drawings, potographs, statues, or ornamental designs, who can already, by virtue of the ordinary law of the land, obtain protection and copyright at an almost nominal cost, so that such exhibitors of inventions, by their own praiseworthy efforts, may secure a fair chance of being the means of raising themselves and their families to comfortable competency, or perhaps to fortune, according to the trade value of their respective inventions or designs, and that, too, just in the same proportion as the public may be practically benefitted.

Keeping this laudable aim in view, we shall, if we look to these bills, be surprised to find, that by section 2 of that first mentioned, only such exhibitions as the Board of Trade shall think fit to allow are to be enabled to avail themselves of the new law, the benefits of which are by sections 3 and 4 (and similar enactments are contained in the Dublin Exhibition Act) declared to be that the exhibition of any unpatented invention or unregi

farther amended in that House.

It is to me passing strange that a measure of provisional protection for exhibitions of inventions and designs modelled upon that passed for the Great Exhibition of 1851 could not have been adopted; and I feel inclined to submit, through the coloumns of the Mining Journal, a proposal for a form of enactment for consideration, though I must confess I do not see any truly satisfactory way of dealing with this question but that of cheapening the provisional protection for Letters Patent, and amending the Patent Law.—Temple, March 15.

F. W. Campin.

COLLIERY ACCIDENTS-SAFETY-CAGES.

COLLIERY ACCIDENTS—SASETY-CACES.

SIR,—It is commonly said that safety-cages are unnecessary when attention is paid to the state of the rope and other appliances for winding. The late accident at the North Seaton Colliery affords no confirmation to the truth of the above remark. For where should attention to the state of the winding gear be expected to be given if not in the district in which that colliery is situated? And yet, notwithstanding all the care and attention we are entitled to suppose has been bestowed on it by the colliery officials, the accident occurred, which is thus narrated in the Mining Journal of March 4:— Journal of March 4:-

"A rope broke at North Seaton Colliery on Tuesday, and the cage was precipated to bottom. Fortunately no human beings were in the cage at the time of the accident whole of the men and boys had been let down the pit by the same rope that morning

In fact, no human skill can tell when a wire-rope is about to break, and serefore, safety-cages are imperatively called for where iron-ropes are sed.—March 14.

THE MINER'S FRIEND.

SLATE, SLATE QUARRIES, AND SLATE COMPANIES.

SLATE, SLATE QUARRIES, AND SLATE COMPANIES.

Str.,—Permit me briefly to notice Dr. Bower's remarks in last week's
Journal on my "Few Words," not brought out by, as he misquotes, but
by "A Man of Experience." The ludicrons strikes men so differently, that
he may perchance find the fact "odd" that my pamphlet combines "geological knowledge with practical details of quarry working." Coming
from one who has seen anything of a quarry, his remarks on the few points
of difference mentioned by me seem, perhaps, strange rather than odd.
First, as to colours and descriptions of slate, a few words will make palpably plain the discrepancy in our statements he fails to see. In Dr.
Bower's pamphlet (page 6) he says—"The following are the colours and
qualities of slate made in Wales:—1. Green; 2. Blue; 3. Red." I say
(page 10)—"Those but imperfectly acquainted with slate often name only
three colours—red, blue, and green—but this is a very superficial, inaccurate description. The real colours of slate are six—black, red, purple, blue,
grey, and green—all differing sensibly in appearance and properties, with rate description. The real colours of slate are six—black, red, purple, blue, grey, and green—all differing sensibly in appearance and properties, with some distinction as to the localities where they are found." Further, in describing each colour, I state that all are more or less found in Wales; the purple of the great Pemhyn Bangor quarries being the principal colour left out by Dr. Bower, though in two or three subsequent pages he mentions "grey slates," so that he appears aware there are such, though omitted from his list of colours. I am aware the Bangor price lists call their purple slates blue, to mark them as not red. But, instead of calling these purple slates "Bangor blues," it is better to name their real colour.

As to the dip of the Merioneth veins (where I remark in another column of this week's Journal he is corrected by your correspondent Mr. Jenkins)

of this week's Journal he is corrected by your correspondent Mr. Jenkins)

I am surprised at his persistence in so grave an error. He says (page 8)—
"The veins in Merionethshire are chiefly at an angle of 4° to 5°, or nearly
horizontal;" whereas in page 7 I correctly state the dip as nearly 1 in 1,
or at 45° angle, as in the great veins of the Oakley Quarries, and most
others in the county. Will the Doctor name the quarries he says he has
seen in Merionethshire where the dip is 4° to 5°?

As to 90 or 40 ward being a present near surgess of the top heaters and

As to 30 or 40 yards being a pretty near average of the top, bastard, and inferior rock over the "best paying slate," I am aware, as I stated in the Journal of March 4, that the depth varies infinitely in different places. I have in many spots seen slate work wonderfully well almost close up to surface; but balancing cases of excess with defect, I think those best ac quainted with the matter practically would decide this average to be as ar the truth as such an approximation can be of the depth at which the

As to North Wales Slate Deposits, the Doctor quotes only half my sence, which garbles the sense. I say (page 6)— They lie principally in neighbourhoods of Snowdon, in Carnarvonshire, and of Cader Idris

in Merionethshire."

Dr. Bower says—"The language of my essay implies that much money has been lost in slate companies." I state—not "by implication," but plainly—the notorious fact that very much money has been thus lost, and it will be found that very much more will be lost in the winding-up of the numerous insolvent companies now trembling on the verge of ruin. I cannot form an idea whether more or less has been lost in slate than in "gold, silver-lead, &c." There has been an awfal swindling of the public in each and all. Instead of conjectures on this doubtful point, my pamphlet undertakes to show some of the real causes of failure in unsound mpanies, and how to make a really good slate quarry, perhaps, the morrative investment in the market.

A MAN OF EXPERIENCE.

P.S .- In reply to Dr. Bower's "P.S.," we can best carry on any future

rrespondence on the interesting subject of slate on our present footing r the edification of the numerous readers of the Mining Journal.

COLLIERY WORKINGS IN SOUTH WALES.

GREAT WHEAL VOR.

SIR,—The progress this extraordinary mine is making will be seen from the following statement of the actual sales of black tin made during the last year, as recorded in the Journal. The mine began to make regular monthly sales in March last, and although only one-third of the tin discovered has been dressed and sold, yet the actual sales have increased

| Second research and solid second research

PROPOSED INTERNATIONAL ASSOCIATION FOR THE DE VELOPMENT OF PRACTICAL KNOWLEDGE-No. II.

PROPOSED INTERNATIONAL ASSOCIATION FOR THE DEVELOPMENT OF PRACTICAL KNOWLEDGE—No. II.

Sir,—If by seeing we see not, and by hearing we hear not, neither do we
understand, it is highly important that we should investigate the cause of
our mental and social darkness, and endeavour to remove the beam from
our own eye, that we may brush away the mote which is in the eye of our
brethren. In my last letter I pointed out the desirability of erecting, if
possible, an International Industrial Training Institution, and thought it
was probable that two or three persons might have taken an interest in
such a project. But we know it often occurs that "fools rush in where
angels fear to tread," hence the caution necessary in throwing out original ideas whether calculated to retard or develops the well being and social progress of mankind;
and I hope that no correspondent will attempt to answer these letters who has not
thoroughly made himself acquainted with the law that governs first principles; such
discussion only ending in wasting your valuable space, and the time of your readers.
I have had extensive experience for this last quarter of a century in organising associations of men, and I believe in every instance where I have organised an assoclation for any practical and useful purpose it has emanated from two or three advanced minds, indeed the fawer the better, for experience has convinced me that mob
oratory will never form a very important element in the government of the affairs of
men. It is stated, "By their works shall they be known;" and I would ask, is there
a single town in England at this moment that has been heated, lighted, drained, watered,
and sewered, or even protected from fire, on sound scientific principles? And is not the
clamouring of the various boards of health (alias boards of death) a specimen of the ignorance which pravails in our country of the laws that govern celestial and terrestrial
bodies. But it is stated in history that "The desire of sil nations shall come;" and
farther, that governs the law of Giffard's injector they will stand aghast at their own stupidity and the mathematical guilibility of mankind. But I contend further, Sir, that on the same law which operates through Giffard's injector is based the true philosophy of all action and re-action throughout Creation, which govern celestical and terrestrial bodies, and I have taken some considerable pains, and been at a great expense, to practically demonstrate that the principle involved cannot fail to solve the most important problems of philosophy in our time. Experience proves that it is useless to throw pearis before swine, and it will be preferable to let those mathematical physical philosopher grope on a little longer in the dark. Experience also proves that the most valuable prescriptions remain unappredicted unless the guinea fee accompany the advice. But to business. Since my last letter, I am glad to inform you that I have received instructions to forward the whole of my plans to a gentleman, which has been done for the object of carrying out this International Elementary Training Institute, and I have no doubt before this letter is in print that the transaction will be closed, and active operations commenced; thus, we shall avoid a waste of time that would be involved in useless debate or superficial palayer. I shall prepare a prospectus embracing the whole of my plans for thwith, and a medal will be strock to commencement the inauguration of the association. The capital will be 50,000%, in 50% shares or nominations. Each holder of five shares may secure a piece of land, and build a house near the proposed collegs. The distance is within six miles of London, and a railway runs through the estate. The land is on a gentite incline of I foot in 30, and will be let at a reasonable price. Two springs of water run through the estate, and it may be reached from Parringdon-street station in a little over twenty minutes.

Steps have also been taken to-day for the practical arrangement of some of the important branches of philosop

250 Table 146

which may tend to shorten labour and utilise the minds of str of useful and practical results; and as one and from will form; and stand at the foundation of this institution, it is important and stand at the roundation of this institution, it is important to all fers that they take an interest in its development. Had it not be which pervades the mining districts, and the reckless waste of powe on all sides for the want of knowledge, the promoters of this insti have wasted their time and mancy for the secondishment of this is

THE PROPOSED APPLICATION OF LIMITED LIABILITY TO COST-BOOK COMPANIES.

THE PROPOSED APPLICATION OF LIMITED LIABILITY

TO COST-BOOK COMPANIES.

Sir,—Seeing from the notice in the Journal that Mr. Palbrook proposed, by his "Treatise on Companies Limited by Guarantee," to form a Limited Cost-book Parinership, I was induced to purchase a copy. Deabless many of your readers are acquainted with his proposition, but to those who are not an explanation of the nature of the partnership cannot fail be interesting. The author, by an ingenious contrivance, which appears to be perfectly legal, projects his company without any fixed amount of capital, as in a cost-book company. He simply divides the company in a certain number of shares, and leaves the members themselves to make the calls of the control of the cost control of the cost control of the cost cost company in a certain number of shares, and leaves the members themselves to make the calls of the cost-book company, but one of the cost-book company, and one, as the author justic posserves, which appears the foregoing conditions are a 'mply those of a cost-book company, but company, and one, as the author justic posserves, which appears the foregoing conditions are a 'mply those of a cost-book company, but the alm brings his ingenuity into play, and attaches limited itability to the company human for the foregoing conditions are a 'mply those of a cost-book company, but the amboring registered becomes a corporation, and therefore the members individually many being registered becomes a corporation, and therefore the members individually and the substitute of the company, and one is a cost-book company, which is not registered, every shareholder is personally liable in a cost-book company, which is not registered, every shareholder is personally liable in the debts of the company, and may be sued at any time by any creditor, hence the archive the company, and may be sued at any time by any creditor, hence the individuality. This is by winding-up the company in a cost-book company, and may be sued at any time by any creditor, hence the fit

MANAGEMENT OF MINES.

security of the property of th

manager so sent has not some way some connection with "Brass Wire." I have travelled a little, and always been engaged in mining from a boy, and having been it he habit of taking notice of how things are managed, may say that I think the shve the habit of taking notice of how things are managed, may say that I think the shve districts basides this one. I shall say no more at present on the subject, beassaid districts basides this one. I shall say no more at present on the subject, beassaid "Brass Wire," or any of their captains, were to know who wrote this I should not be all the two who where one or any where else. I shall conclude, therefore, by subscribing mysilfact to work here or any where else. I shall conclude, therefore, by subscribing mysilfact to work here or any where else. I shall conclude, therefore, by subscribing mysilfact to work here or any where else.

EMERY.—Dr. Charles T. Jackson, the State Geologist of Massachusetts, the world at Chester, Hampden county, in the middle of Massachusetts, and refer to the world at Chester, Hampden county, in the middle of Massachusetts, and refer to the more to a manufacturing people than many mines of gold. He states that he discovered the enery while examinate hard rock excavated by the miners, who supposed it to be iron ore. He son fossil a more than the miners of gold and the miners who supposed it to be iron ore. English saying, that "A good mine of emery is worth more to a manuscular than many mines of gold." He states that he discovered the emery while stas hard rock excavated by the miners, who supposed it to be from ore. He soon would scratch quartz and topas readily, and that it possessed all the properties of Chemical analysis gave—alumina, 45:50; protoxide of from, 45; silies and tita 11:50. Regarding the oxide of from which he dissolved out by acids as acides that which cannot be so removed as an essential constituent, Dr. Jackson this emery must be ranked as a distinct species, and not as a mere granular form of dum or asonbire.

THAMES TUNNEL COMPANY,—Receipts for the week ending March 11,

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March 11,

LITERARY NOTICES.

LITERARY NOTICES.

The Life, Times, and Scientific Labours of Edward Somerset, second Marquis of Worcester; to which is added a Reprint of his "Contury of Inventions," 1663, with a Commentary. By HENRY DIRGES, Esq., Civil Eagineer, &c. 8vo., pp. 650. London: B. Quaritch, Piccadilly. Mr. Dircks, well known for his "History of Electro-Metallurgy," as the author of "Search for Self-Motive Power," and "Memoir of Samuel Hartlib," but more popularly as the inventor of the marvellous optical illusions exhibited at the Polytechnic Institution, now comes forward with the first attempt to great a full and connected life of the great Marquis of Worcester, the the first attempt to great a full and connected life of the great Marquis of Worcester, the the first attempt to great a full and connected life of the great Marquis of Worcester, the the first attempt to great a full and connected life of the great Marquis of Worcester, the precedar especiting this singular genius. Shandered by Waipole, and ridicaled by Hume, records respecting this singular genius. Shandered by Waipole, and ridicaled by Hume, records respecting this singular genius. Shandered by Waipole, and ridicaled by Hume, all compliers have been led astray, and defided our current literature with the most perfect acricatures of this illustrious inventor, derived from such anthorities. But Mr. feet acricatures of this illustrious inventor, derived from such anthorities. But Mr. feet acricatures of the middle movelence to the opinion of such early and incompetent criticism, writes with perfect indifference to the opinion of such early and incompetent criticism. Writes with perfect indifference to the opinion of such early and incompetent criticism. Writes with perfect indifference to the opinion of such early and incompetent criticism. The process of the military density of the purely such as a such and in him more of the purely such as a such

The Gas Works of London. By ZERAH COLBURN, C.E., M.Inst.C.E., &c. London: Spon, Bucklersbury.

Indexision, being entirely novel in design, and presenting much originality in execution.
The Gas Works of London. By Zerahi Colburn, C.E., M.Inst.C.E., &c. London: Spon, Bucklersbury.

A very interesting and useful little volume, founded upon a series of stricles which appeared some two years since in the Engineer, by Mr. Zerah Colburn, has just been issued under this title, the object of the book being not to lay claim to a position as an exhaustive treatise upon the manufactures are such as the process of the color of the book being not to lay cloim to a position as an exhaustive treatise upon the manufactures are such as the such

proving profitable to the reader.

URE'S DICTIONARY OF CHEMISTRY.—The third volume of Watts's Dictionary of Chemistry, founded on that of the late Dr. Ure, has now been completed, and although some annoyance may have been felt that the delay in the production of the work has been so great, it cannot be doubted hat the day is more than compensated for by the elaborate articles which it contains with reference to many of the principal subjects likely to be referred to. The number for March extends to Mysorio, and amongst the articles contained to one by Dr. B. H. Paul of Metallurgy, and another by Dr. W. Odling, F.R.S., on the Atomic Weights and Classification of Metals in Dr. Paul's article on Metals and Alloys is also concluded. The article Metaliary, although occupying less than a dozen pages, contains an enormous amount of information, displaying the writer's intimate acquaintance with the subject upon which hastrats. Beyond the mere facts which are brought forward it has likewise the additional recommendation that the distinction between allied operations and terms—such as melling and reasting—is carefully pointed out, and we cannot help thinking that many need-adjustes arise simply from the confusion of terms, which a little instruction such as would altogether obvinte. In the Classification of Metals Dr. Odling has not only adjusted as a second altogether obvinte. In the Classification of Metals Dr. Odling has not only almost unjustifiable length. Sacrificing all practical utility to ensure the proper work-leg of an ingenious and really interesting theory, the learned writer groups the metals into monals, degads, triads, and pentads, according to their monatomicity or polyalomicity, the great advantage of the arrangement being that metals practically an almost unjustification for placing carbon, tip, lead, &c., in one group, and performing many other equal eccentrative metals and the natural arrangement has been suffered to remain. That "the tetratomicity of the model and the sufference of the carbon, the

book cannot be read without mech valuable information being acquired.

THE SHOPS AND COMPANIES OF LONDON.—Probably few works have been more extensively read than Mayhew's "London Labour and the London Poor," and the first part of an equally attractive book, entitled "The Shops and Companies of London, and the Trades and Manufactories of Great Britain" has just been issued. The introduction alone is ample to lead us to expets a rich treat in the pages which follow it, and, judging from the contents of the part wifer us, we do not appear likely to meet with disappointment. With regard to the skyle in which the numerous articles are written, it will suffice to say that they are Mayhaw's, and as the task chosen is precisely that in which he is most at home—the description of facts, thiuss, and circumstances which have come under his own observation—it will be readily understood that not a page can be perused without the reader being both amount of the fail to be productive of good.

Another near model in the productive of good.

Another new metal is reported to have been discovered by means of spectral analysis. Professor Schrötter, of Vienna, is the discoverer, and the new substance is called Indium.

Meetings of Public Companies.

GREAT WHEAL VOR UNITED MINING COMPANY.

The quarterly general meeting of shareholders will be held at the offices the company, Gresham House, Old Broad-street, on Wednesday. The profit and loss account for the quarter ending December shows:—

WHEAL TRELAWNY MINING COMPANY.

A general meeting of shareholders was held at the offices of the company, St. Helen's-place, on Thursday,—Mr. Page in the chair.
Mr. W. J. LAVINGTON (secretary) read the notice convening the meeting, and the minutes of the last were approved.
A statement of accounts for the quarter ending with the costs for Dec. was submitted, from which the following is condensed:—

Leaving credit balance (profit)

Leaving credit balance (profit)

Leaving credit balance amounted to 2064, 6s. 3d.

The report of the agents was read, as follows:—

March 14.—We beg to subsult to you our report, pointing out the course we are pursuing for the development of this mine.—North Mine: Since our least quarterly meeting we have intersected the lode in the 196 cross-cut, sats of Smith's engine-shaft, and opened on the same about 5 fast,; the lode is presenting a very promising appearance—tribute ground; and, in order to ventilate and lay open ground, we are sinking a winze below the 182 as fast as possible, which will have attended until a communication is effected. In the 182, south of Smith's shaft, the last 5 fms. driven in the end is out of the indusence of the silde, and, we are pleased to say, it is worth for the whole distance 301, per fathom. The present end of the same value. In the same levels, north of shaft, then distance of the silde, and, we are pleased to say, it is worth for the whole distance 301, per fathom. The present end of the same value. In the same levels, north of shaft, then depended on the same value of the same value. In the same levels, north of shaft, then depended on the same value. In the same levels, north of shaft, then depended on the same value. In the same levels, north of shaft, then depended on the same value. In the same levels which the recessary work will have to be done to bring down the kibbles to draw the stuff therefrom, and this end can then be driven to a greater advantage. We are also sinking a winze below the 173, south of Smith's shaft, by the side of the lode, and hope to hole it in about a month from this date to the 182. We had a shaft is a producing stones of ore.—South Mine: The 182, south of Trelaway's shaft, is exceeded about 15 fathoms through kindly ground. The 163 fathom level north is driven about 33 fathoms by the side of the lode, and where cut into produced stones of ore, but not sufficient to value. In conclusion, you will save by this r

GREAT SOUTH CHIVERTON MINING COMPANY.

GREAT SOUTH CHIVERTON MINING COMPANY.

A special general meeting of the shareholders was held at the London Tavern, on Monday, Mr. Wills in the chair.

Mr. Chapman (the secretary) read the notice convening the meeting.

The Charman said that the object of the meeting was to pass a resolution for absolute forfoiture of all shares upon which two calls were in arrear. Such resolution would be in accordance with rule 6 of the company's regulations, Also to consider the propriety of amending the existing rules and regulations of the company, by adding (if approved by the meeting) the following rule: "That no shareholder in this mine shall be entitled to vote at any general or special general meeting of the shareholders who is in arrear of more than one call upon his shares." He then moved the first resolution, to the effect that—"In accordance with the 6th rule of the company, and in pursuance of the notice convening the meeting, that the shares upon which there are two calls in arrear be, and the same are hereby, absolutely forfsited to the company."—The SEGINTARY having read the rule referred to.

Mr. MILLEOND suggested that power should be vested in the committee to restore the shares, provided the arrears he paid within (say) 21 days.

Mr. Berny (the solicitor) said the committee had anticipated that suggestion, as would be seen by the next resolution.—Mr. Welles seconded the resolution.

Mr. MILLFORD then proposed—"That this meeting recommends that if the calls due upon the shares how forfeited be paid to the secretary on or before April 5 next, the shares be restored to the respective defaulters."

Mr. W. Lelean, having seconded the proposition, stated that no impediment would be thrown in the way of restoring the shares.—Carried unanimously.

It was further resolved—"That the existing rules and regulations of the company be amended by adding to them the following rule, and the same is hereby added accordingly:—That no shareholders in this mine shall be entitled to vote at any general or special general meetin

well. Upon March 11, the subjoined letter was received from Capt. John Nancarrow:—
"March 11.—You will have seen by Capt. George's report of yesterday that we have
reached the south part of the lode (or probably it is a separate lode) in which we had
spots of lead in the shaft above. We have but just cut through it in the adit level,
where it is about 2½ wide, and a finer looking lode for the production of lead in depth
cannot be seen. We send a box of the stuff per rail this afternoon to your office, and
hope it will reach you in time for the meeting, by which you will see the rich character
of the lode, and also that there is lead in almost every stone we send. The iron, quartz,
mundic, blende, &c. mixed with the lead can hardy fail in a lode like this of leading
to great quantities of lead. I am glad we see it before the meeting, for I regard it as a
most important discovery, and need not say we shall lose no time in opening on it. We
expect to see the cross lode very shortly, or, at all events, to be soon ready to sink the
engine-shaft. I am satisfied we have here a good mine before us.—J. Nakcantow."
In addition to the above, another report was received on March 14, as follows:—

engine-shaft. I am satisfied we have here a good mine before us.—J., NANCARROW."
In addition to the above, another report was received on March 14, as follows:—
"March 13.—We have a large flookan lode in the west end, with plenty of water—this is pushed on as fast as possible. The lode in the east end is 2½ feet wide, and looks very promising. In driving south, towards the south part, in which spots of lead were seen near the surface, we have cut a very fine-looking lode, 2 to 2½ feet wide, and have just cut through it, which is composed of from, mundic, quartz, &c., with lead and blende throughout, of a similar character to that in the rich lodes in the neighbourhood. Nothing can be more promising for turning out well on being opened up. There is a box of the lead, iron, blende, &c., showing the rich character of the lode, sent to the office.
This is a most important discovery, to be met with at a depth of only 10 fathoms.—
John Mancarrow."

JOHN NANCARROW."

He (Mr. Lelean) considered it necessary to mention that the driving of the shallow adit had been continued with the view of intersecting the whole of the lodes, so as to enable the agents to determine the best position for the commencement of the shaft. When Capt. Henry James had minutely inspected the property, with the view of settling that point, he urged the desirability of first intersecting the cross iode. Now, up to the present time, that cross lode had not been reached, and, therefore, the point at which to

commence the sinking of the engine-shaft had not been determined. As to the coarter and position of the property, it was admitted on all hands to be in all respect ever thing that could possibly be desired—it presented every indication that a miner fool for in a great mise, and there could be no question that by sinking the shaft on a cross lode, and thus taking the whole of the north and south and east and west lot Great South Chiverton would prove itself to be one of the greatest lead mines in county of Cornwall.

A vote of thanks was passed to the Chairman, when the proceedings terminated.

BRITISH SLATE COMPANY.

A vote of thanks was passed to the Chairman, when the proceedings terminated.

BRITISH SLATE COMPANY.

A general meeting of shareholders was held at the offices of the company, Sherborne-lane, on March 11,—Mr. John Rohnson in the chair.

The Screntark Thaving read the notice convening the meeting, submitted the report of the directors, which appeared in last week's Journal.

The Chairman, in moving its adoption, adverted to the great success which had already attended their operations—a success, indeed, far surpassing that which had been schieved by any other slate company in the same period of time; but the best evidence that could be adduced of that success was in the fact that the directors were in a position to recommend a dividend; and although, as suggested in the report, and the surpassing the surpassing that which had been schieved by any other slate of per cent. The profit of the surpassing the surpassing that the surpassing the surpassing that the surpassing tha

NORTH CHIVERTON MINING COMPANY.

A general meeting of shareholders was held at the offices of the com-pany, Austinfriars, yesterday,—Mr. EDWARD COOKE in the chair. The notice convening the meeting having been read, the minutes of the

A general meeting of shareholders was held at the offices of the company, Austinirars, yestering.—Mr. Enwand D. Cooke in the chair.

The notice convening the meeting having been read, the minutes of the last were confirmed.

A statement of accounts was submitted, which showed a balance of liabilities over assets of 803f. The following reports were also read:—March 16.—Herewith I beg to present you with the following report of this mine for your general meeting to be held on the 17th inst. The new engine-shall is aunt performed to the state of the control of of the co

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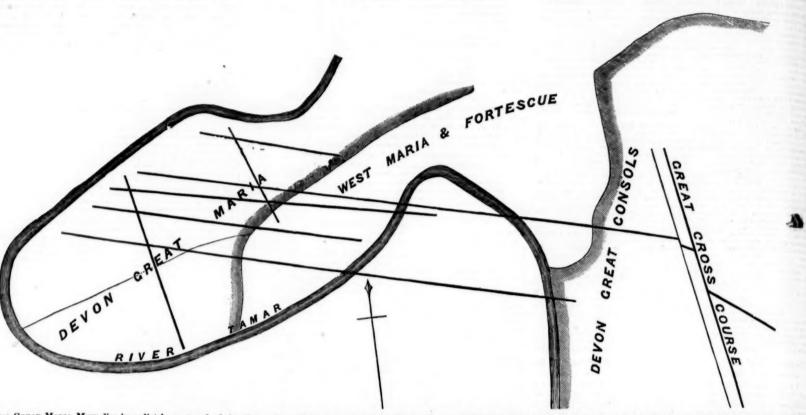
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THE DEVON GREAT OF MARIA MINE.

THE CONTINUING PRINCIPLES OF BODIES OF ORE.



The DEVON GREAT MARIA MINE lies immediately westward of the | Devon Great Maria being the River Tamar, it may readily be den Devon Great Consols, and if in reasoning upon formations of copper ore we could find any fixed terrestrial law that would cut off the continuity of such deposits merely at superficial or artificial boundaries, the wisdom of selecting sites lengthwise on the lines of veins holding such bodies of ore as those of the Devon Great Consols deposits would be questionable, and such situations, in a practical point of view, would be no more valuable than any isolated spot governed by approved geological conditions. It is very questionable if the clay-slates now containing copper when they were first formed contained copper lodes or not: in fact, authority based upon geological considerations seems to be against it. Most of the great primitive slate formations are streaked with lodes of lead, almost unaccompanied by copper, and it is highly probable that when the great slate masses of Devonshire and Cornwall were first laid down the metallic lines were mostly composed of galena, and not much mixed even with silver. After a series of ages, and when it was necessary in the progressive formation of the earth, when the high decree went forth that the dry land should appear, the granites, elvans, and greenstones thrust themselves through the laminated fields of clay-slates, the old system of lead lodes was broken up and almost obliterated, while fractures along their lines were prepared into which it was suitable, from the action of polarity, for the new metal of copper to settle. Ever since that the copper has been thickening in these veins, and the bodies of lead in the neighbourhood of the greenstonion outbursts have been curiched by emanations of copper, silver, and gold; and although this agency is too subtle for human agency to grasp in order to detect, or rather measure, its progress, yet by small degrees, and through a countless series of ages, those veins have at last been filled to the thickness of those of the Devon Great Consols, which are said to average a width of 20 feet of well metallised lode stuff. If this solution of the problem be a just one, the only boundary between the Devon Great Consols and the such deposits merely at superficial or artificial boundaries, the wisdom of

Devon Great Maria being the River Tamar, it may readily be demonstrated that this constitutes no bar to the formation of the copper of the Devon Great Consols holding into and through the sett of Devon Maria. It is true that the formation of the copper and the course of the river owe their origin to the same force, a hidden power maintained in the depth of the earth; but one is caused by the configuration of the ground, and the other by the tendency of metal in its subtle state to be guided in its course by polarisation, and the line of the one has no common sympathy, so to speak, with the line of the other. It is a fault, and one too generally prevailing, to attribute the dislocation or suspension of metallic lines to insignificant causes at the surface, while the real causes are deep seated in the sub-crystallisation of the rocks, at a depth where no human ken has insignificant causes at the surface, while the real causes are deep seated in the sub-crystallisation of the rocks, at a depth where no human ken has ever, and perhaps never will, penetrate. It is as reasonable to attribute the cause of cessation of a line of ore ground to the scratching of a hen on a hillock as to that of a man building a boundary fence over it; and yethow often do we hear the hopelessly innate opinion of prejudiced people predicting that this course of ore will never go beyond "our" boundary. Why, what in the name of common sense has the boundary to do with it? The length of the body of ore ground depends on the length of granite that was rooted out from its foundations, more or less in an east and west direction, so as to submit the volumes of metallic vapours to the magnetic currents, in order that, in suitable conditions of the rock, they should be crystallised upon the face of the vein, and so to be thrown down and thickened in the course of time, as to form a lode, and, locally speaking, a course of copper ore. Let us look at the plan of these two mines, and judge by it of the configuration of the surrounding rocks, or rather that rock subtending this great copper formation. The Tamar passes these grants in a series of bends, showing that the elevating principle has been felt all through this rock, and that the Devon Consols lodes pass into the Maria sett, under similar influences with respect to the granites as those which acted upon them in Devon Great Consols. This being so, let us look to the surface

indications for symptoms of identity, as acknowledged by the agents but capable of forming a judgment of the veins by analogy of the county. Capt. Henry Rickard says the strata in which these promising lodes are embedded are most congenial for the formation of metal, and are traversed by the cross-courses that have exercised so beneficial an influence on the mines in the neighbourhood. Mr. Josiah H. Hitchins (the eminent geologist and engineer, and universal favourite as a mining authority, to say nothing of the fact that it is attributable to his instinct that the in the Devon Great Consols itself was detected) says of one of the lode in the sett, the one next to the north lode—"At the time I saw it lai, although only a few fathoms below the surface, it was from 5 to 8 fat wide, showing altogether a very strong, masterly, quartzose, gossany back, or surface outcrop, from which good stones of ore were to be broken." Why, such evidence as this, from such a man, is sufficient to establish the cutainty of success of any mining property, whatever theory might anywhen such evidence as this, from such a man, is sufficient to establish the extainty of success of any mining property, whatever theory might anywhen be entertained upon it. But in this case theory and practice go hand in hand in demonstrating the value of the property. Capt. Joseph Richards (connected with the agency of the Devon Great Consols), going immore minute particulars, at the latest date at which observations wen practicable, speaks of a lode in this grant he had seen in an orchard. The back, or surface outcrop, being opened up by means of a shode-pit, induced him to drive a cross-cut to it. He says—"We are now in about 4 (est; it is one of the finest lodes I have ever seen at such a depth (5 fathoms); it is composed of capel, mundic, quartz, and yellow and black copper or, but we must cut through it to ascertain its size." Capt. James Richard, the managing agent of the Devon Great Consols, after describing the analogy between the Devon Consols and the Maria, says—"I would recommend the erection of an engine of not less than 60-inch cylinder, and that the engine-shaft be continued as fast as the nature of the work will admit." This speaks volumes for the property, and we hold that any further evidence of its worth would be superfluons.

Company since the appointment of the present secretary (Mr. J. H. Murchison)—and he might say the most important meeting since the commencement of operations—he fait incumbent upon him to make a few observations. Almost ever since the mine was introduced to the public there had been more duiness in the Mining Share Market than for many years previous, and consequently the shares were taken up but slowly. No attempt had been made to cause any fictitious price for the shares, but they had been taken by the present shareholders entirely upon what they believe to be the merits of the mine. Several agents of the highest reputation have from time to time impacted the property, and they have all, without any exception, reported most favourably of it. The opinion he (the Chairman) had formed of it had been induced principally by those of the various practical authorities who had inspected the mine. If any mistake had been made it was that of having rather under estimated the amount of capital that would be required to fully develope the property, and to bring it into a profitable state. It must, however, be borne in mind that sacrely any shareholder had paid more than 21, per share, while it was very well known that there had been fully 10,000. expanded upon the mine, the cost of which was available to the present company. Besides this, there was a new 50-in. cylinder engine, crusher, dressing-floors, and other valuable pain on the mine, the cost of which was available to the present company. Besides this, there was a new 50-in. cylinder engine, crusher, dressing-floors, and other valuable pain on the mine, the cost of which had all been disbursed, and included in the balance now presented to the meeting. To meet this he considered a sufficient call should be made to prosecute the mine for the next three months. The manager was present, and he (the Chairman) hoped shareholders would not hesitate to ask any question relative to the mine, for while he had the fullest confidence himself in the ultimate permanent success o

and for his continued attention to the interests of the shareholders.

The Challeman thanked the meeting for the compilment, and should continue so to do as long as he was connected with it. It was admitted on all hands that North Chirerton presented much more than ordinary chances of success, and he hoped before that any six months to be in a position to congratulate his co-shareholders upon the acquisition of some most satisfactory results. (Hear, hear.)

A vote of thanks to the Chalrman for his conduct in the chair was passed, when the proceedings terminated. day six months to be in a postion of some most satisfactory

WHEAL MARY HUTCHINGS.—During the drivings in this mine, last week, a very rich vsin of copper has been met with, branching from the main lode, yield-ing 16% per cent. for copper. As the main lode is approached the ground continues greatly to improve in quality.

LABUAN COAL COMPANY.

LABUAN COAL COMPANY.

An extraordinary general meeting of shareholders was held at the offices of the company, Threadneedle-street, on Tuesday,
Sir J. D. H. ELPHINSTONE, Bart., M.P., in the chair.

The Secretary read the notice convening the meeting, and also the minutes of the last meeting.

Mr. Furlonger took exception to the word "unanimous" being placed in the minutes in reference to the resolution for the fusion of the Labuan Cosi and China Steam Companies.—The Chairman said that the word should be struck out.—Mr. Lindow suggested that a copy of the requisition, with the names of the dissentients, should be inserted on the minutes.—Mr. J. H. Mackenzuz said that could not be in the minutes.—Mr. Furlonger said the specially required that it should be recorded; and the report which appeared in the Mining Journal stated the number of dissentients to the same should be recorded; and the report which appeared in the dissing Journal stated the number of dissentient to took, although not the names of the dissentients.

The Solicitron explained that he recorded the names of the dissentient shareholders, but it was a question whether they should be entered in the minutes.—Mr. J. H. Mackenzuz said the group of the minutes of the dissentients and the same shareholders was very unusual; it might be inferred from the fact that in large companies it is would be practically impossible. The fact was recorded that six shareholders dissented as awas also the number of votes they represented.

Mr. J. H. Mackenzuz said the proper course to adopt was to have handed in a writer protest.—Mr. Furnomer said that had already been done.—Mr. J. H. Mackenziz: if Then you have done lail that is necessary.—The Solicitors and there could be no doubt that the resolution adopting the agreement was passed by a considerable majority, although not unanimously steps for that purpose.

A Sharkholder and anthorising the liquidator to carry the same into effect, and to proceed to take all the necessary steps for that purpose.

A Sharkholder was a

Index most favourable asspices.

Mr. Hamilton mentioned that when the mine was worked by a former party, the only reason why it did not succeed was inadequate machinery. Many wealthy men were destrous to work the property, and would have done so had it been in other hands. The motion for the entering of the report in the cost-book, and the passing and allowing of the accounts, was put and carried unanimously.

A discussion arose upon the question of call; Mr. W. Lelean suggesting that the amount should be 6s., but it was eventually agreed that it should be 5s. per share.

The Chairman but that everything had been charged and paid for up to the end of January. Upon the suggestion of the Chairman, Hamilton, Fenceok, and Dr. Tom were appointed members.——Mr. Forlamen, Messrs. E. Cooke (the Chairman), Hamilton, Fenceok, and Dr. Tom were appointed members.——Mr. Forlamen, that had nothing to do with the prospection of the West Chiverton party of North Chiverton, that they result have readily taken it up had not the present company been in the field first.

The appointment of Captain Haucock was unanimously confirmed.—Upon the proposition of Mr. Batters, seconded by Mr. Lelean, a unanimous vote of thanks was passed to the Chairman for his great and successful services on behalf of the company, and for his continued attention to the interests of the shareholders.

The Chairman for his great and successful services on behalf of the company, and for his continued attention to the interests of the shareholders.——A Director considered these were questions entirely for the compliment, and stated that he had certainly taken a considerable amount of interest in this mine, and should continue so to do as long as he was connected with it. It was admitted on all hands that North Chiverton party of the compliment, and should continue so to do as long as he was connected with it. It was admitted on all hands that North Chiverton party of the compliment, and should continue so to do along as he was connected with it. It was admitted

shares would be most readily taken up; he (the Chairman) had no doubt whatever of the success of the new company.

The question was then put, when there appeared in favour of the proposition 7646 votes, and against it 516.

Upon the proposition of the Chairman, seconded by Mr. Miller, M.P., the resolution was confirmed (by a majority of 7646 votes against 516), that the company should be wound-up voluntarily, and the Hon. F. C. Drummond was appointed the liquidator.

The Chairman said that he regretted the present result, as far as the Labuan Coal Company was concerned, having, as he always had, a good opinion of the enterprise; but, by the arrangement to he carried out, the directors believed they had done their best for the shareholders, and that which he believed would prove to their advantage. Speaking for the directors, he might say that, from the large interest they held, they had suffered more than all the shareholders put together; and, in addi-

tion to that, they had devoted without remuneration a considerable amount of time solutions. All he could say was, that the directors, as far as they could, would continue to protect the interest of the late shareholders in the Labuan Coal Company. (Hist.) A vote of thanks to the Chairman and directors terminated the proceedings.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING

(Colcharton) have receded and more freely offered. — EAST WHEAL RESISTATION of the been in better request, in anticipation of an improvement in the 130.—WHEAL CREME have been rather extensively dealt in at improved prices, with some slight fluctuations have been rather extensively dealt in at improved prices, with some slight fluctuations. EAST CARADON.—The 80 east, on the caunter, has improved this week; now went of the continue much the same as at hen noticed.

DEVON GREAT MARIA CONSOLDATED MINING COMPANY (Limited).—At a spelid company be subdivided into 5000 shares, of 101. each. In accordance with that resist the company por working that most valuable estate known as Lamerhoom, and the same has been issued, inviting public co-operation in the establishment of a company for working that most valuable estate known as Lamerhoom. This spent is supported to the same of the most important six valuable spices of ground in that highly mineralized district. Situated immediately of the sext, and separated only by the narrow limits of West Maria and Fortescue, the same adjoining on the east, and in New Wheal Martha, to the west, which lodes are ported to be in this property, are features that must not be overlooked, being the atmosphere of the sext, and separated only by the narrow limits of West Maria and Fortescue, immediately to be in this property, are features that must not be overlooked, being the atmosphere of the sext of

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ugh not so rich as recently reported, it is composed of the most promis-t for a great and productive one; it is full 4 ft. wide, and producing about opper ore per fm. The other places of operation are all progressing highly

and, although not so rich as recently reported, it is composed of the most promising all actives for a great and productive one; it is full 4 ft. wide, and producing about ing marks for a great and producing the set in the 10st of copper are per fin. The other places of operation are all progressing highly 1 to desire wisses below the 74, for the portion carried, is worth 10st, per fathom. The answ. The wines below the 74, for the portion carried, is worth 10st, per fathom. The answ. The wines below the 52 continue to maintain their value, and are worth from 33st, stops in the bottom of the 52 continue to maintain their value, and are worth from 33st, and the product of the places, as well as the tribute department, continue to yield the usual quantities of copper ore. The ground at the western shaft has become easier for sinking. Maddel mixes.—The ground at the western shaft has become easier for sinking. Maddel mixes.—The ground at the western shaft has become easier for sinking. The foliate of copper ore. The ground at the western shaft has become easier for sinking. Maddel mixes are progressing very astisfactorily.

Wield Spainess well as the riborate of the shaft has become easier for sinking. The shaft of the shaft has been shaft below the 70st per fathous and the shaft has been shaft below the 70st per ground will admit. The lode in the black of the 130 east continues to be worth 60st per fan. the lode, so far as sean, is 10 feat wide, and not as yet reached the south wall. The lode in the rise in the 150 cast is worth 13st, per fan., and is of more than ordinary size; they have opened on it sat the shaft on 6 cobsists shaft are also valued at 12st, per fan. All the other places in but have the shaft of the same favourable character, orapped on the same.

South states of each. The prospects here continue of the same favourable character, orapped of soit spar and rich stones of lead.

Taxworld misses.—The same and rich stones of lead.

Taxworld misses and value. The lode in the 60 end south is yielding ab

will also have a beneficial effect, when we may reasonably plone to sea renewal of activity in every branch of business, and that of the mining interest, which is of such immens importance to the welfare of this country, will, no doubt, participate in the general praperity.

From Mr. James Chorts:—Amongst the sharce forming the leading business of the Mining Market this week are East Cananous, which have fluctuated, since they came to a minimum price, from 18 to 18½, and as there are constantly buyers, they have reached within 10s. or 16s. of the last quotation; possibly, upon the assumption that shall be a subject to the same of the

who the 17 fm. level, on both the north and south index, may be considered as, so in, vancoused by mining operations, over a very with field; self, next is Gross. When I was a presentation upon a further immediate for mining them.

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Sale of Mining Property.—Messrs. Gadaden and Ellis submitted for sale, by public auction, at the Guildhall Coffee-house, on Wednesday, the Nant-y-lago Mine, which, as explained by the auctioneer, is situated in Montgomeryshire, and provided with all the plant and machinery necessary for the full re-development of the property. Nearly 9009L has been expended, and lead and blende ores in some quantities have been raised. There is an abundant supply of water, thus saving the expense of stem-power, and a railway is in course of construction to within four miles of the mine. The captain has always and still does entertain a most favourable opinion of the sett, but financial difficulties arose by the failure of at least one of the largest shareholders, hence the sale of the property by public auction. It was eventually knocked down for 500L. The Dolfrwynog and Haved Owen Mines, in Merionethabite, were also offered for sale, but, no biddings having been made, the offer was withdrawn.

DOLCOATH MINE.—The following is a statement of the number of people employed on the concern, and of their average carnings. The latter facts will be of interest for purposes of consparison with the rates paid in other mining districts of Cornwall and Devonshire:—Men and boys working underground, 450 (the boys may be considered to number 50, getting from 30s. to 45s, per month; men at surface, including smiths, carpenters, and enginemen, 252; boys at surface, 191; girls at surface, including 160 spalling stuff, 873; total, 1266. [As indicative of the progress of the mine since it commenced to be worked for tin, it may be stated that the number employed in 1836-7 was 590.] The present earnings of the men underground vary from 35. So. to 34, 10s. per month, so that the average would be about 34. Ss. The ordinary surface labourers get from 52s. 6d, to 57s. 6d, monthly; the enginemen and landers 34. The girls on the dressing-floors are paid from 6s. per month to 16s., according to age and ability. These of the spalling girls who work by time receive 9d. a-day, or 19s. 6d, per month; but the greater number of them are paid by the ton, and, by working longer hours and more smartly, they often earn 25s. in the month, and sometimes more. The wages of the boys employed on the floors likewise commence at 6s., and range thence to 20s. or 25s., with their age and capacity for work.

MINE ACCIDENTS.—At Dolcoath Mine, on Saturday, Philip Daw was

MINE ACCIDENTS.—At Dolcoath Mine, on Saturday, Philip Daw was killed and Jeremiah Donald seriously tojured by a fall of ground at the 266 fm. level. Verdict, "Accidental Death." At the same mine, on Monday, Robert Vial, 80, was so seriously injured that he has since died, by falling only 11 feet.

Mining Correspondence.

BRITISH MINES.

BRITTISH MINES.
BAGTOR—William Blashin, Marco and its general content of the progressing flavourstate and control in the control of the progressing flavourstate and control in the control of the progressing flavourstate and control of the progressing of the control of the progressing of the control of the control

further improvement. The 20 to drive west of engine-shaft by two men, at 25s, per fm. The lode is large and requilar, and on the north part produces stomes of copper ore. The 20 cross-cut to drive north towards Curtis lode by two men, at 34. 10s, per fathom. We have already driven about 18 fms., and probably we have about 19 fms. more to reach the lode. In conclusion, we state that the mine is opening very cheap, and the lodes are large, regular, and promising in character and composition. It is highly desirable that, the engine-shaft should be sunk with all possible dispatch, and in the meantime to operate on the levels above described, which can be done faster than mines in general and with fair chances of success at no very distant period.

— Joseph Vivian, March 14: The ground in the engine-shaft under the 30 has improved for sinking. In the 30, driving east on Dumpling lode, the lode is 3 feet wide, composed principally of apar, with spots of copper ore. In the rise over the 30, west of engine-shaft, the lode is 6 feet wide, opening tribute ground. In the 20, driving west of engine-shaft, the lode is 6 feet wide, opening tribute ground. In the 20, driving west of engine-shaft, the lode is 6 feet wide, opening tribute ground. In the 20, driving west of engine-shaft, the lode is 6 feet wide, opening tribute ground. In the 20, driving at the rate of nearly 3 fathoms per month.

CWMRICKEET.—Matthew M. Ridge, March 16: The new shaft is now down to the depth of 5 fms. 1 ft. We have not made so good progress as we wished, as we could not receive the timber on the mine until to-day to secure the ground, but we have now sufficient timber upon the mine to secure the shaft to its intended depth of sinking before we drive out to out the lode. We shall put men to commence upon the cutting of the wheel-pit next week, and get everything in readiness for the crection of a 20-ft, wheel there will be no delay in getting all the machinery here and erected by the time the shaft is down. The winding and pumping gear, consectin

gents lest country. lodes are d are tra-influence (the emithe lodes the loses w it last, i to 6 feet any back, a." Why, h the cer-anywhere o hand in

Richards oing into tions were and. The t, induced out 4 feet; fathoms); opper ore, Richards, ibing the would re-nder, and work will that any

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chased are on the way for Lianddoes Railway Station, and will be delivered on the mine as soon as they arrive. We shall also get the lest cut to bring the water to the wheel, and make as good progress as ever we can in all things with the number of hands we have in employ. I wish to employ a few more heads in the sluking of the shaft, so as 60 push it down with greater speed, after which I feel fully convinced you will cut into a productive lode for lead of a rich quality. There is a sufficient quantity of stones already water from the slaking of the shaft for the building of the wheel-pit, and the masons will be set to work as soon as the ground for the wheel-pit is taken out.

DALE,—R. Niness, March 15: The Pipe vein is very much disordered, and is split fints several branches, and is not yielding so well of lead. We have to-day sampled 55 tone 2 cwts. of lead and a parcel of blende, computed 50 tone.

DEVON AND CORNWALL UNITED.—T. Neill, March 14: George and Chariotte: The lode in the 2 west is looking more promising than for some time past. The two stopes in the back of this level are wouth 5 tons each per fm. One stope in the back of the deeped and the sevel are wouth 5 tons each per fm. One stope in the back of the deeped and is worth 3 tons per fm. No change in the cross-cut north. In the 22 east its promising, and ground favourable for driving. No change in the cross-cut in the 3-deast is promising, and ground favourable for driving. No change in the cross-cut in the 12-deast is promising, and ground favourable for driving. No change in the cross-cut in the 12-deast is promising, and ground favourable for driving. No change in the cross-cut in the 12-deast is promising, and ground favourable for driving. No change in the cross-cut in the 12-deast is promising work, worth 3 and 10 tons of ors per fm. There are two stopes to neak of the 10 worth 5 tons each. No change in the lode at the while shall be a supplementally and the supplementally the supplementally and the supplementally and the supplementally

aterial alteration. EAST GUNNISLAKE.—Jas. Phillips, March 16: We are driving by the side of the de in the 36, east of Gard's shaft. The lode in the deep adit is still disordered by small

EAST GUNNISLAKE.—Jas. Phillips, March 16: We are driving by the side of the lock of the the 56, sast of Gard's shaft. The lode in the 6cep adit is still disordered by small cross-courses.

EAST JANE.—T. Hodge, March 16: The engine-shaft is below the 36 fathorn level & fine. 4 fat., the ground in which is of a favourable character. The lode in the 36 fm. tevel south end, on the eastern part, is not looking quite so well for lead, but I regard this change as only temporary. We have a pare of men just behind this end, cross-citing to the western part; as far as seen, 3½ fit, it is showing good indications of something good being near at hand. In the 26 fm. level south end, on the western part, the sode is large, and letting out much water; we have suspended this end and put the men of divice sast, to prove the eastern part, which has not been seen for the last 10 fathom driving. The winze is below the 26 fm. south level 2 fms.; no lode has yet been taken down. The lode in the 26 fathom level north end is large, excasionally producing good stones of lead. The lode in the adit level north is 15 inches wide, yielding good stones of lead. The lode in the adit level north is 16 inches wide, yielding good stones of lead. The lode in the adit level north is 16 inches wide, yielding good stones of lead. The lode in the man the second of the second o

the ground above we think this end must improve shortly. The stope in back of the 30 is worth 61, per fathom.

EAST WHEAL GRENVILLE.—G. R. Odgers, W. Bennetts, March 15: The lode in the 75 west is from 1 ft. to 15 in. wide, producing a little in. The lode in the 75 west is from 2½ to 3 ft. wide, yielding 3 tons of ore and some splendid work for tin, worth for tin and ore 25t, per fm. A stope in bottom of the 65, east of shaft, is worth 1 to nof ore per fathom. The lode in the stope below the 65 west is worth from 4 to 5 tons of ore per fathom, with good work for tin. There are two stopes above the 65 west—one worth 15t, and the other 2 tons of good ore per fm. The lode in the winze or shaft, sinking below the 55, is small, but producing a little tin. The lode in the stope above the 65 west is worth 12t, per fm.

15f. and the other 2 totals a below to \$5.5 is small, but producing a little tin. The lone in the shaft, sinkwest is worth 12f. per fm.

EAST WHEAL LOVELL.—J. Burgan, March 16: The south lode in the shaft, sinking below the 28, has not improved since my lest report. The lode in the new engineshaft, sinking below the 40, continues quite as good as last reported, and worth from 85L, to 96J, per fm. The 40 cross-cut is going forward quite as fast as anticipated. The 26, east of Burgan's, has fallen off in value this week. The bobs and bob-pits are in hand for the turnpike shaft lodes, and having had some fine days we have made good progress to the work.

for the turnpike shaft lodes, and having had some fine days we have made good progress with the work.

EAST WHEAL RUSSELL.—J. Goldsworthy, March 11: In the 130 east we have opened into the lode a little east of the side or flockan; so far as the lode could be seen, for about 3 ft., it has been worth 151, pur fm.; by its present appearance we hope to see a good lode in a few days. The water continues to flow so strong from the lode that we cannot make that progress we wish.

— J. Goldsworthy, March 11: Telegram: In the 130 east the lode is opened into a short distance; so fur as seen it is worth 15t, per fm.

— J. Goldsworthy, March 14: Owing to the clack of the drawing-lift in Hitchins's engine-shaft failing under water on Saturday swening, the water has been in the 130, at Homersham's shaft, yesterday and to-day; however, everything is now working well. We hope to have the water in fork by to-morrow morning, and everything in full working order.

engine-shaft failing under water on Saturday evening, the water has been in the 130, at Homersham's shaft, exterday and to-day; however, everything is now working well. We hope to have the water in fork by to-morrow morning, and everything in full working order.

— John Goldsworthy, March 15: in the 130, east of Homersham's shaft, at Soper's cross-cut, driving north, the north lode has been cut into about 10 feet, composed of capel, gossan, quartz, prisn, and mundle, and producing stones of grey sulphuret of coper ore—a fine healthy-looking lode. Owing to the clack having failed under water, in ditchina's engine-shaft, on Saturday evening, the water being in, there has been but little done this week; however, the water is again in fork, and everything in its usual working order. In the 130, driving west of Soper's cross-cut, the lode is 3½ feet wide, composed of capel, quartz, prian, and mundle, and produces a little copper ore—a sing work. In the 130, cast of Soper's cross-cut, the lode, so far as seen east of the silde or a few days. Owing to the great influx of water flowing from the lode the progress here slow; however, we hope now to make better progress, as the stratum by the side of the lode appears to be coming a little stiffer, and less troublesome for timber. In the 71, cast of Homersham's shaft, driving west of Northey's cross-cut, the lode is 2½ feet wide, composed of capel, quartz, and prian, and producing rich stones of copper ore. In the 43, driving cast, the lode is 3½ feet wide, composed of capel, quartz, mundle, prian, peach, and a little black oxide of copper ore. In the 63, driving cast, the lode is 3½ feet wide, composed of capel, quartz, mundle, prian, peach, and a little black oxide of copper ore. In the 43, driving cast, the lode is 64, feet wide, composed of capel, quartz, mundle, prian, peach, and a little black oxide of copper ore. In the 63, driving cast, the lode is fall in the continuous continuous cast and the lode is fall in the continuous cast and the lode is fall in the continu

at 21, per fm. A pitch in bottom of the 11, to four men, at 10s. in 11. The pitch in the back of the 21 is not taken as yet; tribute offered at 10s. in 14. No change to value in either of the places since last week.

GAWTON COPPER.—Geo. Rows, March 11: The ground in the 50 cross-out north continues moderately easy, upon the whole, although we occasionally meet with some bard branches of capel and floors of spar. The men are working exceedingly well, and their progress very satisfactory. There is no change in the lode in the 36 west since last reported on, the men being engaged during the past week at surface rising the collar of the new engine-shaft, horse-whim, &e.

GLASGOW CARADON.—W. Taylor, March 13: The lode in the 68 west has now a good appearance, and is producing some good work; we have not yet touched the soft part on which the winze is sunk from the 52, but expect to do so daily; we shall then soon make a communication. In the 52 west the lode is larger, worth 100, per fm., and has a very promising appearance, 1 expect to see an early improvement at this point. The new south lode west has a little improved, producing some good quality ore. The stopes throughout the mine are producing their usual quantities of ore, and we are getting on with dressing cross for the next sampling as fast as possible.

GOTHIC.—John Williams, March 13: I have this moment received your letter, and am greatly pleased to state that the course of ore of which I wrote you last week as discovered in the salit west on the Saturday before, yields upwards of I to per fathom. The end, with the slope in the back, yields well, and 12 men will raise from these bargains alone 8 tons per month, at 84, per ton, leaving a profit of 84, or 64, per ton, the ore in the bottom levels continues to yield a good profit, and the mine bas altogether very much improved since you last saw it. The 30 east yields about 12 owts. of ore per fm., and the 25 west about 30 owts, per fm.

—John Williams, March 16: I have good news: this week we have found a

Mountain boundary, beneath the 9th milastons, on a very steep wooded and rocky decivity of the mountain, and the miners have since found fine lumps of ore in different places along the line of the back, of the look. If yens towards the Abermant and Mr. and the line of the lack of the look. If yens towards the Abermant and Mr. and one lageting harder, and it looks as if it will make a large and very productive eddition to the mine. We are enabled to begin dressing again after the severe weather. We have the looks are in the line and a large and very productive eddition to the mine. We are enabled to begin dressing again after the severe weather. He had the looks are in the line and large and the looks are in the looks and the looks are in the looks are looked to the deep adit, east of cross-cut, at the deep adit level, produces I too of or the looks are looked and looked and looked and looked are looked and looked and looked are looked and looked and looked are looked and looked and looked and looked are looked and looked are looked and looked are looked and looked and looked are looked and looked are looked and looked

We are making good progress in fixing the 6-in. lift in No. 2 shaft, and erecting the horse-whim and horse-engine for draining the water, which we hope to get to work in the course of next week.

GRYLLS WHEAL FLORENCE.—Edward Rogers, Edmund Rogers, March 14: At the 12, driving east, the lode is 6 ft. wide, worth 81, per fm.; at this level, driving west, the lode has a little improved, now worth 61, per fm.

GUNNISLAKE (CLITTERS).—W. Skewis, J. Rodda, March 15: The 40-inch cylinder engine and the 24-inch whim engine are fixed, and ready to work, 9-inch plunger-lift fixed complete to the 36 by the end of this week. The skip-road is made complete for working two skips to the 24 fm. level, and staff is now being drawn from this and the 36 fm. level; every effort is being made to complete the fixing of the pitwork, skip-road, &c., to the deep adit level at the earliest possible moment. The lode in the deep adit east is considerably improved, and will now yield it on of good copper ore per fm., and also good saving work for tin, with prospects of still further improvement. The 24, east of engine-shaft, is extended about 10 fms. We have again resumed the driving of this level, the lode not being cut through to the east of the cross-course: we are unable to give its size or value, but hope to do so in next report. The stope in the back of this level, and presents prospects of further improvement. The cross-cut north in this level has passed through a portion of the lode, which has produced good assing work for that and copper, but being of an opioion that the main part of the lode is not yet reached, this cross-cut is still being continued. There are two stopes working in the back of this level, worth on an average 61. One prachom. The consequence of the lode in the 36 cast is worth 81, per fathom. There are two stopes working in the back of this level, worth on an average 61. One per fathom.—Thin Lode: In the adit level east the lode is worth 64, per fathom. The stope in the back of this level; as worth 64, per fathom

inking below the 44, the ground is rather hard. The lode in the sump-winze, sinking below the 44, on the north lode, is 2\% ft. wide, worth 211, per fm. The water is draining more freely since we have cut through a floor in the sump-winze, where the lode is of a loceer character.

HAVAN.—G. Jones, March 14: Carriston's shaft has been sunk down to the 20, and the shaftmen are now engaged in cutting out ground for the plat, &c.; water has been somewhat troublesome in bottom of the shaft, but is again going off freely; the lode has a very kindly appearance, and is producing about 1\% ton of lead ore per fm. The lode in No. I winze has fallen off, producing about 1\% ton of lead ore per fm. The lode in No. I winze has fallen off, producing about 1\% ton of lead ore per fm. The lode in No. I winze has fallen off, producing about 1\% ton of lead ore per fm. but I think from indications that it will shortly improve again. No. I stope in back of the 10 east, yields about 1\% ton per fm.; so does No. 3 stope. No. I stope, in back of the 10 east, yields about 1\% ton per fm.; so does No. 3 stope. No. I stope, in back of the 10 east, yields about 1\% ton per fm.; so does No. 3 stope. No. I stope, in back of the 10 east, yields about 1\% ton per fm.; so does No. 3 stope. No. I stope, in back of the 10 east, yields about 1\% ton per fm. The ground in the deep adit is a little more favourable for progress of late, and looks promising for the production of mineral, &c., but so far unproductive. The increase of water interfered last week with the timbering and clearing of Sheldon's shaft, but I magine we are not far from its bottom. We expect to have 50 tons of silver-lead ore ready for sale by the end of this month, should the weather permit. Ore proviously in store 20 tons; in bin on the mine 16 cwts.; in course of dressing about 18 tons.

HAWKMOOR.—I. Richards, March 14: The stopes in back of the 25 east are worth 1\% ton of copper ors per fm. The cross-cuts north and south at West Hawkmoor are driving in favourable ground

mining. The 20 end, which is from 3 to 4 fatheness below this stope, will reach and of the years we want view to be communicated with the mander they the end of this week, want we shall the to be communicated with the mander of the 60 yard levels, where of No. I. whose, it worth 154, to of head per fathene. The stope of the 60 yard levels, where of No. I. whose, it worth 154, to of head per fathene. The stope of the 60 yard levels, which is not compared to the 60 yard levels, from the winner, it worth 154, to of lead per fathene. The stope of the 60 yard levels from the winner, and the stope of the 60 yard levels of the 60 yard le

carried out for about 1251, per month. The engine and pitwork are in good common and working well.

NORTH DEVON (Silver-Lead).—J. Blamey, March 16: We have ent the samition in the 20: it is 2½ feet wide, I foot of it good ore. The rise in back of the sall is worth 72, per fm.; the stope below the adit, north is worth 121., and south 51; sall the stope below the adit, on the middle lode, 122. The north stope below the 10, ent is caunter, is worth 122 per fm., and the south stope 602, per fathom. In the 30, ent is caunter, is worth 122, per fm. The stope below the 20, on the middle lode, 124. The north stope below the 30, ent is caunter just intersected, I value at 351, per fathom. The rise in back of the 30, ent is caunter, is worth 122, per fm. The stope below the 20, on the middle lode, is worth 126. per fm. We have 40 tons of ore ready for sampling.

NORTH DOLCOATH.—J. Vistan, J. Pauli, March 16: The water has been said drained to the 85 (the bottom of the mine), and we have commenced driving the seat and west of the engine-shaft in a kindly lode, yielding good stones of copper at the 11. In driving was we have about 18 fathoms to reach the cross-course, where the is a good chance, we think, to meet with a deposit of copper ore, judging from the 16s cations in the level above. We intend to resume the sinking of the engine-shaft again and the same than the sall the shaft to the shallow adit, in the eastern part of the mine, and find it to be neighbouring mines, rich fornations of copper have been met with the vertice of the shaft and that the adit has been driven about 50 fathoms east of this shaft, and that the adit has been driven about 50 fathoms east of this shaft, and that the adit has been driven about 50 fathoms east of this shaft, and that the adit has been driven about 50 fathoms east of this shaft, and that the adit has been driven about 50 fathoms east of this shaft, and that the adit has been driven about 50 fathoms east of this shaft, and that the sall thas been driven about 50 fathoms east of thi

or not by cross-cutting in that direction.

NORTH DOWNS.—J. Grenfell, March 15: King's engine-shaft men are still sagad-fixing plunger-lift at the 72; this would have been completed last west but for a break grewhich unfortunately took place in our balance-bot, the repairing of which, together with the time occupied in forking the water, which rose 30 fathoms, caused a daisy of week in the completion of that work. The 50 cross-cut, south of King's shaft, is progressing most satisfactorily; we have intersected a small branch in it since last and have opened on it a little, but it is very small, underlying 5 ft, in afathon, and does not appear to be anything more than a branch near the cross-course on which we introduce the wings slaking below this level, 6 fms. behind the end, is worth 30, per for the length of winze, 10 ft., with a promising appearance. The 50, diving east of the acove cross-cut, on the new lode is still supredictive. The winze slaking below this level, 6 fms. behind the end, is worth 30, per inshaft, is presenting a very promising appearance, with a branch of ore and mundic 3 is wide. The stope in the back of this level, 5 fms. behind the end, is worth 60, per face of the stope in the back of this level, 5 fms. behind the end, is worth 61, per face.

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HE HINING FOURTAL

NORTH MINERA—March 15: Lest Monday being our esting—day, the following problems were lest:—The de to drive south—west, by four men, at 17, her far., there has no married size-men in men at in setting into frame ground, and important; the folia is sent. The of heathed lissestom, carbonate of line, sent, and not do the sent of heathed lissestom, carbonate of line, sent, and not do the sent of heathed lissestom, carbonate of line, sent, and not do the sent of heathed lissestom, carbonate of line, sent, and not do the sent of heathed lissestom, carbonate of line. The sent of heathed lissestom is not a sent of the sent of heathed lissestom is not a sent of the sent of heathed lissestom is not a sent of the sent of heathed listes of heathed liste

and worth 16 ton of ore per im. In the deep adit level north the ground continues easy, soot procress is being made.

SOUTH ALFRED CONSOLS.—James Pope: I am now come up from underground, and find the 20 is d'ONSOLS.—James Pope: I am now come up from underground, and find the 20 is d'ONSOLS.—James Pope: I am now come up from underground, and find the 20 is d'ONSOLS.—James Pope: I he lode is 18 inches wide, producing fine stones of ore throughout; from its appearance I have every reason to expect good results shortly we are now clearing the 20 east, but cannot see the end, but from what caseds my expectations. I hope to see the 20 east in a day or two, when I will forward you the passentations. I hope to see the 20 east in a day or two, when I will forward you the period of the 18 to 18 to

THE MINING JOURNAL.

In a large through the sounder to the same are, with a fact whether the same and the same are the same and the same are the sam

lanother part of the lode; I hope it will hold to surface, and have every reason to believe it will, as we have seen gold at Berthiwyd to the very top of the lode. All other
places as last reported.

WEST EEAM.—William Hosking, March 16: Since last report we have suspended
operations in the 76, at Parry's abaft, and placed the men to sink Brothers engine-shaft,
which they have agreed to sink 15 fms. below the 40 at 122, per fm.; and, in order to
facilitate the work, we have erected pulley-stands, and carried across to the shaft the
haoling-machine chain to draw with instead of the horse-whin, as before. We have
also set the 40 end to drive east of Brothers shaft, to four men, at 21. 15s. per fm.; the
lode in the end is 4 ft. wide, carrying a little th throughout, and highly promising for
an improvement. The 56 end, divide west of Parry's shaft, on the north lode, is now
11/2 ft. wide, embedded in a very lavourable channel of ground, and producing a little
tin. The North Beam lode, in the 56 end, cast of Parry's shaft, shoul I ft. wide, and
yielding fair work for tin. Our tribute pitches, of which we have seven, are presenting
very favourable appearances, especially those in back of the 55, or North Beam lode,
our batch of tin, which weighed 5 tons 12 cwts. 2 grs. 25 lbs., at 571. 10s. 6d. per ton,
realising 3241, 4s. 5d.

WEST MARIA AND FORTESCUE CONSOLS.—W. Skewls. J. Donnal, March 11:
There is no alteration in the ground to notice in the 50 fm. level cross-cut, north of
Maria engine-shaft. The lode in the 95 ment is progressing favourably. The drivage has
been by the side of the lode in the 40 west, the groundisvery good: we shall commence
taking down the lode ext week, and will than report its size and value. In the 20
east, on Capit Tor lode, there is no particular change to notice; still producing about
4 tons of ore per fm. The lode in the same level went has been marker disordered this
week by a small cross-course; it is now, however, getting out of its influences, and has
a promising appearance; the g

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the 180 cost the engine tode is 15 in. wide, worth 54. per fm.; the stope in back of the franches, are worth on an average 101, per fm. The stopes in bottom of the 123 cast, on Allen's branches, are worth on an average 147, per fm. In the 103 castern cross-cut we have cut another part of the engine lode, yielding stones of tin, but not to value; there is no other change in this level. The stopes in back of the same level cast, on Allen's branches, are worth on an average 131, per fm.

WHEAL STARNON.—E. Chegwin, March 11: The sumpmen have been engaged catting ground for hanging doors in the shaft, and dividing shafts, &c. The water is down 12 fms. below the 20, and engine working well. In the 20 north cross-cut we have interacted a lode about 1 ft. wide, yielding good stones of black and yellow copper ore; we have set to drive west on it. All other bargains are as last reported.

WHEAL UNION.—T. Glanville, March 10: Tutwork Setting:—The flat-rod shaft to also abolow the 88, by nine men, at 481, per fm.; look 5 feet wide, mixed throughout with copper ore, but not enough to value. The 76 to drive east of the flat-rod shaft to also below the 88, by nine men, at 481, per fm.; look 5 feet wide, mixed throughout with copper ore, but not enough to value. The 76 to drive east of the flat-rod shaft to do, by our men, at 21. 10s, per fm. The conjene-shaft to sink below the 40, by aline wen, at 64, los, per fm. The 60 cross-cut to drive north; to intersect the Turnpike lode, by four men, at 44, per fm.

WHEAL TREVENNA.—T. Jennings, March 16: In sinking Highburrow shaft under the 15 fm. levels we have intersected the old men's workings, carried on by the anotents; the lode was very good in the shaft in sinking. The robbish in the old workings left by the anotents; the tode was very good in the shaft in sinking. The robbish to the old workings left by the anotents; the tode in the shaft in sinking. The robbish in the old workings left by the anotents; by roducing good work for our stamps. As far as we have gone down we are w

MINING NOTABILIA.

EXTRACTS FROM OUR CORRESPONDENCE.]

CASTELL CARN DOCHAN returns of Gold for the week is 3 ozs. 124 dwts.,

SOUTH CHIVERTON.—A new 60-in, engine has just been put to work, the 26 does of hollers. The engine was manufactured by Mesers. Nicholis, Williams de Co., of Tavistock, and erected by Mr. Loam. It has been started in first-rate style of reflects great credit upon all concerned in its manufacture and erection. The mine forking well.

I Perjects great credit upon an concernes in the management of the providing well.

WEST MARIA AND FORTESCUE.—This mine has greatly improved since a general meeting. The lode in the 40 fm, level, driving west, is reported worth 9 tons fm. The 20, driving cast, on Capel Tor lode, 8 tons per fm. A few months, from coveries anticipated, is likely to make this mine a first-class property.

NORTH WHEAL METAL.—This mine has considerably improved, and e lode will now pay for working, turning out some rich ore. It will soon be in the vidend List.

the lode will now pay for working, turning out some rich ore. It will soon be in the Dividend List.

WHEAL BULLER.—A new lode was recently cut in the 60 fathom level eross-cut, which, during the past few days, has been cut in the 70, where the lode is of summense size and equally rich. This discovery promises to develope as rich a mine on the south of Carn Bres hill as Dolcoath is on the north. The present appearances, and the fact of the lode being cut at the 80 in a few days, may render Buller a profitable mine in the future, and much more durable than its last dividend days.

GREAT DEVON AND BEDFORD (Colcharton).—The lode in the 30 fathom level still continues good, after driving on its course 9 fathoms; and there is no doubt that this is a large and most valuable deposit of ore, of rich quality, as an assay, made on behalf of the directors, is found to contain 32-3 per cent. of pure copper.

HEMERDON UNITED MINES are about to start again in a few days with an influential company, and under the management of Capt. Wm. Edwards. This sett was granted by Admiral Woollcombe and Major Strode on more favourable and liberal term; than any previous grant.

The transcendant advantages of the railway system have seldom been more prominently shown in conexion with utilitarian economies than in the instance

was granted by Admiral Woolloombe and Major Strode on more favourable and liberal term a than any previous grant.

The transcendant advantages of the railway system have seldom been more prominently shown in connexion with utilitarian economies than in the instance of the East Hay Ton Gannyre Quanties. The valuable and particular qualities, combined with the facility of working blocks of any required dimensions at the very surface, have long been known and duly appreciated; but hitherto the difficulty and cost-liness of transit have been insuperable barriers to its introduction for general use, not-withstanding its adaptability for every purpose to which grantie is applied, from the stately column to the no less useful road metal. We are, therefore, glad to find a company, with an adequate capital, is in course of formation, to take the earliest opportunity of sending this valuable atone into the general market. We refer our readers with pleasure to the prospectus of the East Hey Tor Grantic Company (Limited); the opinions of the authorities quoted therein would of themselves have been sufficient guarantees of the value of the commodity had not fame long since made the great worth of Hey Tor symatics proverbial. The daily increasing demand for granite of this description would appear calculated to, and doubtless will, open out an illimitable field of action, and will prove the truth of the principle we have constantly advocated—that the mineral wealth of Greats Britain is but in the dawn of its appreciation. The grand sources to which we now allude have for countless ages been as nearly as possible a sealed book as relates to the utilisation of the magnificent material now about to take its proper status in the industrial and economic weal of this kingdom. It is indeed a gratification to draw attention to so legit mate and business-like an undertaking; it cannot be called a specialistic of the wealth of the precipient of the subject, when we doubt not they will arrive at the same conclusion as we have—that the

eat success and a national beneat.

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Conduntnow.—This mine has improved during the last three months. The engine-shaft is worth 20t. per fm., with good appearances: the 210 west 10t.; a winze below the 210, 80t.; the 200 west, 35t.; the 200 east, 14t.; the 188 east, 14t.; and the 140 east, 15t. The mine is selling 35 tons of the per month, with certainty of increase; ground easy. Driving from 3t to 7t. per fm.; stoping from 2t. to 5t.

WEST DEVON MINE (late Wheal Williams) has passed into other hands, but although the money has been paid for some time the creditors, whose accounts have been long standing, remain unpaid. It is quite time for the merchants of Cornwall and Devon to limit the credit given to mining companies, and I would suggest that the merchants and founders have a meeting on this subject—the succer the better, as with such long credit the losses by these companies are enormous.

GREAT SOUTH CHIVERTON.—The intelligence which reached us at the close of last week, and which was making some noise in the country around, of an important discovery in this mine, is now fully confirmed. The lode which has been cut in driving the acit south, and of which they had indications only about three weeks since, is one of great richness in silver, and is about 2½ ft. wide. The specimens which we have seen are certainly very fine. That such a discovery, at only 10 fms. from the surface, is of great value we need hardly remark; and the fact of the lode being parallel with the rich lodes in the adjoining mine of West Chiverton, which has sold 40001, worth of silver-lead ore during the present month, is much more satisfactory and promising than if it had been a continuation of any one of them. We congratulate the shareholders on their good fortune in possessing what it is not to be doubted is a highly valuable proporty.

Wheat, Mapy Hurchings (Plymotron).—I have creat pleasure in in-

on their good fortune in possessing what it is not to be doubted is a highly valuable property.

WHEAL MARY HUTCHINGS (Plympton).—I have great pleasure in incornaing my fellow-shareholders that a very rich branch of black, grey, and yellow copper has been intersected in the deep adit cross-cut-joing north, giving a produce of 16%, according to the assay made by Mr. Harvey, of Tavistock. The discovery of this branch being in close proximity to the great copper lode, and embedded in highly congenia strata for the production of mineral, looks exceedingly encouraging, and experienced subsets predict important results.—A SHAREHOLDER.

THE CARDIGANSHIRE MINES.—The lead mines of this county, many of the ores of which contain as much as from 15 to 30 css. and upwards of sliver to the ton, seem to present a most favourable aspect for investment. A singular fact connected with the continuance of these properties is this, that although many of these mines have been worked persoveringly for the leat 20 years, so little has the body of the ore ground in them been exhausted that the stock is now more valuable than it has ever been; and the capital of the old mines, as represented by the market prices, only pay 5 per cent, while on the original capital the profits are cent. Per cent. The new mines opening it this district, with good courses of ore discovered, seem to foreshadow an investment of a most desirable nature.

most desirable nature.

Mining at St. Just.—The St. Just United Mines are looking very well, and there is every reason to believe that a profitable mine will be opened up. The adjoining mines are now being set to work, and they are considered to be an excellent property, as the last workers returned large quantities of tin from above the adit only. The present company (East St. Just) are determined to open up the mine vigorously, rind preparations are being made for the erection of an engine, which will take them to and preparations are being made for the erection of an engine, which will take them to any depth they may go to. St. Just Consels is looking exceedingly well, splendid stones of tin being broken from the new lode; and, if it continues as at present, they will have an unmistakeably good mine. At Cape Tornwall Mine they are now down to the 80; the lode is a promising one, producing tin, and a little copper. There is little doubt that in driving westward they will make a discovery. I observe there are several promising lodes in this property; and, when they are intersected by a cross-cut, will, no doubt, prove valuable. There are several rithuters here for tin, and I believe they are making good wages. The north part of this sett is well deserving a spirited trial, as there is a junction of the lodes, all of which are promising. A few months here will make a considerable difference in the appearance and value of the mine.

From SOUTH WHEAL TOLGUS the agent reports (March 15) that the 320, east of Mitchell's conjenc-shaft, has a very promising appearance; they are hoping

20, east of Michell's engine-shaft, has a very promising appearance; they are hoping it will lead to something good.

From Fast Wheat Tolgus the agent reports (March 15) that Hosking's lode in the adit, east of the cross-cut, is 2 ft. wide, and kindly.

From West Wheat Tolgus the agent reports (March 15) that in Taylor's engine-shaft, below the 78, the part of the lode carrying is producing 7 tons of ore per fm. for length of shaft (14 feet), a heautiful lode—shaft looking well.

The applications for the shares of the Caldbeck Fells (Consolidated)
Lead and Copper Mining Company have largely exceeded the number to be allotted.
They are now quoted 1/2 to 1/2 prem.

The Mining Market; Prices of Metals, Gres, &c.

METAL MARKET-LOWDON, MARCH 17, 1845

COPPER. £ s. d. £ s. d	BRASS, Per. 1b.
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ile 87 0 0- 88 0 0	Tubes 9%d
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dittotubes 0 1 1	Swedish, in kegs (rolled) 15 10 0-15 16 0
heathing & bolts p.ton 95 0 0-96 0 0	" (hammered), 16 0 0-16 10 0
ottoms 100 0 0	Ditto in faggots 16 0 0-16 10 0
id (Exchange) 91 0 0	English, Spring 18 0 0-23 0 0
	Bessemer's, Engineers Tool 44 0 0
thow, Per Ton.	" Spindle 30 0 0- —
ars Welsh, in London 7 0 0-7 10 0	QUICKSILVER (per bottle). 8 0 0 nom.
itto, to arrive 7 0 0	SPELTER. Per Ton.
all rods 8 10 0	Foreign 19 10 0
" Stafford. in London 8 10 0- 9 15 0	To arrive 19 10 0
ars ditto 9 0 0-11 0 0	
loops ditto 9 12 6-10 10 0	BING.
heets, single 10 7 6-11 0 0	In sheets 24 10 0
ig No. 1, in Wales 4 10 0	TIW.
efined metal, ditto 4 0 0-5 00	English, blocks 97 0 0
ars, common, ditto 6 0 0-6 5 0	Ditto, Bars (in barrels) 98 0 0
o.,merch.,Tyne or Tees 7 10 0	Ditto, Refined
itto, railway, in Wales 6 0 0-6 10 0	Banca 91 0 0-96 0 0
itto Swed. in London, 11 10 0-12 0 0	Straits 87 10 0
o arrive 12 0 0	
ig, No. 1, in Clyde 2 11 8- 2 17 0	IC Charcoal 1st qua. p. bx. 1 7 0- 1 10 0
oltto,f.o.b. Tyne or Tees 2 9 6	2 20 0 2 20 0
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LEAD.	TO COMP 19
inglish Pig, ordny, soft 20 5 0-	
Oitto (WB) 21 12 6-	
litto sheet 21 0 0	In London; 20s. less at the works.
Oitto red lead 22 0 0	Yellow Metal Sheathing p.lb. 8d81/4d.
Oitto white 26 0 0-26 5 0	Sheets
Htto patent shot 23 0 0-	Yadlan Channal Diss)
panish 19 10 0-	in London
	o la, 6d, per box iess.
At the works, is.	o 18. ou. per our reser

REMARKS.-During the past week the Metal Market has not manifested any signs of improvement, but, on the contrary, prices have in the case of some metals still further declined. The present unsatisfactory state of the iron districts is very prejudicial to business, by preventing the execution of orders which might otherwise be given out, and which there is great reason to fear that, unless an arrangement between the masters and men is come to ere long, will be sent to other countries for execution. In men is come to ere long, will be sent to other countries for execution. In the meantime the uncertainty that exists as to the result is putting a stop to business in certain descriptions of iron. The advices just received from India are not very favourable; they state that the intelligence from England lately received had not tended to improve the markets there, but, on the contrary, had produced a decided falling off in the demand, which had caused a decline in prices, so that the rather more encouraging position of the market mentioned in the last advices had not been borne out, and metals still continued to be neglected. We still, however, encourage the hope that before long we shall see an improvement in the metal market, as although there are some circumstances which cause present depression, there are others which make the prospect appear brighter, and lead to more pleasing anticipations for the future.

Copper is in rather better demand, and consequently prices have be-

Copper is in rather better demand, and consequently prices have be

Copper is in rather better demand, and consequently prices have become somewhat firmer, and it is now difficult to buy sheets under 95%. Iron.—In Staffordshire, owing to the Strike in the North, and the Lockout in the South, the iron trade is in a suspended state; at present buyers have not taken alarm at the possibility of the supply being cut off, and prices are no firmer. As yet the blast-furnaces are blowing, but should the suspension last many weeks they must stop, as before the lock-out pigiron was, and has been for some time, in excess of the demand. As yet the masters seem resolved to insist on the North Staffordshire men going to work as a preliminary to work being resumed in the South. Whether if the men were to give a clear assurance that they will not support the North Staffordshire men the masters would reconsider their determination remains to be seen. At the meeting of delegates, held in London, the determination come to was still to resist the masters, and, consequently, throughout South Staffordshire there is no longer any expectation that the struggle will terminate within a reasonable time. In Welsh no action has yet been taken by the ironmasters in reference to the lock-out in the struggle will terminate within a reasonable time. In Welsh no action has yet been taken by the ironmasters in reference to the lock-out in South Staffordshire; but it is fully understood that they are quite prepared to take active concert with the Staffordshire masters. The predicted increase in the demand, owing to the present state of the trade in Staffordshire, has not taken place; and, in fact, buyers are as exacting as ever regarding prices. The first-class makers, however, will not accede to any reduction, for they are, as a rule, well supplied with specifications. Rails are quoted at 62. 12s. to 71. 5s. In Swedish prices are still firm. In Scotch pig-iron the market has been exceedingly quiet during the week, and 50s. 6d. one month. At the last advices from Glasgow, however, the market was a degree firmer, and warrants changed hands at 50s. 4d. to 50s. 4½d. cash, and 50s. 7d. to 50s. 7½d. one month, and at the close buyers were steady at the higher quotations, while sellers were asking 50s. 5d. cash, and 50s. 6d. one month.

Lead.—The market continues quiet, and prices are rather lower; they

LEAD.—The market continues quiet, and prices are rather lower; they may be now quoted as 20*l*. for common English pig, 20*l*. 5s. for LB, and 21*l*. 12s. 6d. for WB.

Tin.—In foreign the amount of business transacted is trifling. Straits has again receded in price, and sales have taken place at 87L cash, which may now be considered the quotation. Banca remains unaltered, and English can still be obtained at 3L under the official rates.

English can still be obtained at 35. under the official rates.

SPELTER.—The market is very dull, and transactions by no means numerous. Sales have taken place at 195. 10s. on the epot, which may now be quoted at the present price.

Tin-Plates.—A rather improved demand for the United States has taken place, but otherwise generally there is little improvement.

STEEL and QUICKSILVER show no change.

THE LIVERPOOL METAL MARKET-MARCH 16.

Pig-Iron.—There is no change to report. The market continues dull, at 50s. 3d. to 50s. 6d. Pigs, however, have certainly seen their lowest for some time to come, and would now prove a good investment for those who

some time to come, and would now prove a good investment for those who can afford to wait their chance.

MANUFACTURED IRON.—The Lock-out is now an established fact, and promises fair to be the greatest battle ever fought in the interests of trades' unions. That the struggle will be protracted for a considerable length of time, as we have constantly averred from the first, there can now be no doubt. To our mind, the great feature of the week in connection with the movement, is the meeting of trades' union delegates, held in London last picht. The resolutions resease condemning the meeters' conduct, and call. movement, is the meeting of trades' union delegates, held in London last night. The resolutions passed, condemning the masters' conduct, and calling on the various trades' unions throughout the kingdom to support the Staffordshire men while out, must tend to encourage and strengthen them for a time, even if no actual monetary support come in. How the appeal to other trades for support will be responded to time will show, but we do not believe any very large amount of money will be sent in. They will get any amount of sympathy, no doubt, but other artizans will not see their way to sending any portion of their hard-earned wages to men, the merits of whose case will, in most instances, meet with their disapprobation. It only now remains for the associated ironmasters to be firm and united, not flinching one iota from the conditions they have laid down for the men to comply with, and they will, in the course of a very short time, have in their hands the power of dealing a death-blow to the Union, a consummation most devoutly to be wished for, and which, in our opinion, a consummation most devoutly to be wished for, and which, in our opinio consummation most devoutly to be wished for, and which, in our opinion, is the only way to prevent England becoming a second, or even a third-rate iron field. The puddlers' strike last year gave the French and Belgian ironmasters a footing in this country, and if the present disastrous state of things continues, it will enable them not only to maintain that footing, but to shut us out from the continental market altogether. The Union has been the curse and blight of trade for a long time, and the sconer it is got been the curse and hight of trade for a long time, and the prosperity of of the better for both master and man, and the prosperity of our country. In consequence of the Staffordshire Lock-out, the Mersey Steel and Iron Company have advanced their price of plates 10s. per ton, and have filled their books at the price. Shipbuilders on the Mersey are paying almost any price for prompt delivery, and have given out large specifications at as high prices as 9l. 10s. for prompt delivery. This benefits Scotland and South Wales in plates, but there is little enquiry for bars.

COPPER continues to improve, but slowly. No change in prices.

Tin continues to droop. Very little business has been done this week as buyers are expecting a reduction in price.

LEAD.—The market is quiet, and very little trade done,

TIN-PLATES.—We have had rather a poor week, with acarely a heavy sales. Cokes still quoted at 20s. 6d. to 20s. 9d. f.o.b., with aday ward tendency. Large quantities could be readily bought for 20s. 2d. SPELTER continues to improve slowly. Quotations still 19f. 15s. os HEMATITE ORES.—Staffordshire buyers are stopping delivery for a lattime, which makes trade not so brisk. The demand for these ores in 8s Wales is rapidly improving, and some sales have been made for dein in that district, at 11s. 3d. to 11s. 6d. for Holbarrow and Workington on The demand is also on the increase for the Middlesbro' districts.

THE COAL TRADE AND THE MERSET DOCKS AND HARBOUR BOAR A communication from the coal trade of Liverpool and Birkenhead at that the new regulations introduced by the Mersey Dock Board for control of the coal traffic at the Birkenhead Docks had not met with control of the coal traffic at the Birkenhead Docks had not met with approval of the trade so fully as was alleged by the Board's Cosmittee of Docks a Quays. The committee, in introducing the new regulations last week, stated that make been forwarded to all the persons in the trade; and, as so remonstrances had need for the trade, and the persons in the trade; and, as so remonstrances had necessived, it was presumed that they were considered satisfactory by the porsess an interested. The trade, in a letter was forwarded on their behalf to the Chairman of a board, as the result of a discussion on the proposed regulation, suggesting corrial shations. On Peccember 29 an answer was received by Mesars. Battersby and Ca, as cited for the trade, containing explanations as to the meaning of the regulations, giving no reply to the suggestions made to the trade. The latter concluded that application would receive consideration, and that, at all events, they would have a per reply before any further action was taken; and they were now surprised that them mittee and the board had decided upon adopting a new code of regulations without ther consulting them. In one particular these differed entirely from their own team tion, for whereas they had proposed that every agent should be considered to more than one. The trade express their willingness, however, to give the made a fair trial, provided it be understood that if it be found objectionable, it shall be a considered, especially as the harbour-mater has given them to understand that the entired to the Docks and Quays Committee.

BIRMINGHAM, MARCH 17.—Rylands' "Iron Trade Circular" that there is no change in prices, except in South Wales Iron, 64 Mg works, and 71 in this district.

The settlement of the fortnightly account took place in the MINE STARE MARKET on Thursday, and was rather heavy, in comparison we those of the past few months, while the amount of general business tractions of the past few months, while the amount of general business tractions of the past few months, while the amount of general business tractions of the past few months, while the amount of general business tractions are considerably advanced, and several, which for a long time past has been almost unsaleable, are coming into notice again, with a good may buyers of shares at the low quotations. Great Wheal Vor. 32 to 33; the quarterly accounts to be presented at the meeting, on Wednesday, she that the its sold in the three months ending January was 163 ton 16 era. 3 crs. 18 lbs., realising 10,5083. 34. 7d., and a profit of 36314. 4s. 2d. The cash account shows a balance in hand, including 5818. 4s. 2d. The cash account shows a balance in hand, including 5818. 4s. 2d. The cash account shows a balance in hand, including 5818. 4s. 2d. The cash account shows a balance in hand, including 5818. 4s. 2d. The cash account shows a balance in hand, including 5818. 4s. 2d. The asia in provement in the mine, and cutting the lode in the 70, but leaved 20 to 25; there is a strong desire abroad to amalgamate (on terms abusing on the cash of the cash cash general country of the cash cash general cash of the cash cash general cash cash general cash of the cash cash cash general cas SHARE MARKET on Thursday, and was rather heavy, in comparison with those of the past few months, while the amount of general business tra acted during the week shows greater activity in the market, and an i

On the Stock Exchange, business in mining shares has been rather active during the week. The following quotations were officially recorded in British Mining Shares:—Great Laxey, 20, 19\(\frac{1}{4}\), 20, 19\(\frac{1}{4}\); Great Sout Tolgus, 2\(\frac{1}{4}\), 2\(\frac{1}{4}\); Great Wheal Vor, 33\(\frac{1}{4}\), 33\(\frac{1}{4}\); East Carn Brea, 6\(\frac{1}{4}\); East Grenville, 4; Wheal Seton, 201\(\frac{1}{4}\). In Colonial Mining Shares the prices were:—Cape, 10\(\frac{1}{4}\), 11, 10\(\frac{1}{4}\); Yudanamutana, 1\(\frac{1}{4}\), 2; Port Phillip, 1. In Foreign Mining Shares the prices were:—Copiapo, 3; Fortuna, 2\(\frac{1}{4}\); Cobre, 26; Alamillos, 1\(\frac{1}{4}\).

IRISH MINE SHARE MARKET.—In the expectation that a great improve IRBH MINE SHARE MARKET.—In the expectation that a great improvement in the price for Ovoca pyrites and copper would immediately follow a cessation of hostilities in the United States, and which improvement, on account of the immense capabilities of the mines of the Wicklow Copper Mining Company, would benefit the proprietary to a greater extent than almost any other mining association in the United Kingdom, the shares of this company are daily enquired for even at the present high rate of about 450 per cent. premium, 13l. 15s. (2l. 10s. paid) having been taken in but one instance during the last two or three weeks. On the other hand, there are frequent dealings in the shares of the Mining Company of the last at the l other hand, there are frequent dealings in the shares of the Mining Company of Ireland, the high price readily paid for them being a sufficient inducement to sell, as, notwithstanding the very prosperous state of the affairs of the company, and the favourable prospects of their several mine, it must necessarily take a considerable time before their dividends will pay 5 or 6 per cent. on the present market value, which, in consequence of the constant demand, further advanced from 32.5. 5s., last week's closing question, to 32.6. 15s. cash (71. paid), and for July account from 33.6. to 34. There is, however, a slight reaction for both accounts, there being sellers at 33.17s. 6d. for long account. Connorrees are for sale at 23s. 6d., and Carysforts at 10s. per share. The shares of the General Mining Company for Ireland are firmly held at par, but they are offered for sale at a fractional premium. There is no doubt that this company's mines would som rank among the best dividend paying undertakings, if the shortsighted and unpatriotic jealousy between the Limerick and Waterford and the Grest Southern and Western Railway Companies, as exposed by Mr. Monsell, M.P., before the Grand Jury of Limerick, were to relax, and this mining company were accommodated with a convenient station to enable them to we estitled to est

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profitably raise annually the 5000 or 6000 tons of zinc ore referred to by Mr. Monsell. The report in last week's Journal of the proceedings of the meeting held in London of the Roaring Water Mining Company has attracted some attention here, but the prejudice so unfairly created by our scientific but non-practical men men against the county of Cork as a mining district requires much and unmistakeable success to eradicate the home antimathy.

scientific but non-practical men men against the county of Cork as a mining district requires much and unmistakeable success to eradicate the home antipathy.

The Rhôs Hall Iron Company, with a capital of 170,000l., in shares of 20l. each, proposes to work the extensive ironworks and mineral property known as the Rhôs Hall and Liwyennion estates, near Ruabon and Wrexham, and extending over 266 acres. The grant is free of all rent and royalty whatever, for 89 years unexpired, and the company has the privilege of using adjoining surface land, upon payment of a rental of 22, per acre. The purchase comprises the pits, furnaces, weighing-machine, macres, or the property of the provisional contract, the vendor takes one-half of his purchase-money in shares, not to receive dividends until 10 per cent. has been paid on the other capital, and the remainder by cash instalments, extending over a period of three years and a-half. There is an abundance of ironstone, fuel, and sire-clay, and the services of Mr. Henry Cresswell, of Handsworth, have been secured for the office of manager. The works can be put into active operation within a few months; the pig-iron and other mineral products command a ready sale, and a railway already runs within a few hundred yards of the furnaces, and in the course of a few months will run through the estate. Even adopting the present low prices in the iron trade, and allowing an ample margin for management, interest, &c., it is estimated that there would be left a highly remunerative return upon the capital employed. The prospectus will be found elsewhere.

The San Pedro del Monte Silver Mining Company, with a capital of 75,000l, in shares of 5l. each, has issued its prospectus, the object of the andertaking being to develope a rich mineral property rear Istapan deleve, in the province of Mexico. The lodes have been traced by Capt. Eastwick to be the continuation of those in the celebrated Tlalpujahus, from which 7,000,000l worth of ore was raised in three years; and it appears that in the S

dividends within two years of the completion of the reduction works.

The Wallachian Petroleum Company publish a prospectus in another column of this day's Journal, for the issue of 4000, 7½ per cent. guaranteed preference shares, and have given notice that the list of applications will be closed on Wednesday and Thursday next for London and the country respectively. Upwards of 3000 tons of oil have been obtained from the company's wells, and the directors propose to erect a refinery eshishment at or near Ibraila; they estimate that when it is completed a weekly nett profit of about 400½ can be realised on the present limited rate of yield from the company's wells; as these increase, it is confidently expected that 60 tons or more of oil will be produced weekly, by which means it is fully anticipated that profits will be realised equal to similar enterprises in America, some of which are dividing from the profits of refined oil between 10 and 20 per cent. per month amongst their shareholders.

The South of England Wagon Company has been incorporated, with

fined oil between 10 and 20 per cent. per month amongst their shareholders. The South of England Wagon Company has been incorporated, with a capital of 200,000L, in shares of 20L each, to carry on a business in the Southern and South-Western Counties, similar to that which has proved so highly remunerative in the Northern and Midland Counties to the Railway Rolling Stock Companies. The company will let wagons either on ordinary hire or on the principle that after the hire shall have been paid for an agreed time the wagons shall become the property of the hirer, for both which classes of business there is a very ample field. To avoid all risk, the company does not propose to manufacture, and has made an agreement with a well-known manufacturing firm, which will secure a minimum return of 7½ per cent. per annum upon the paid-up capital of the company. The business will also be extended to foreign and colonial railways; and, whilst the directors have secured 7½ per cent. as the minimum, they entertain the most confident opinion that the annual dividends will be considerably larger.

The Alexandra Printing Ink Company, with a capital of 12,000L, in

mam, they entertain the most confident opinion that the annual dividends will be considerably larger.

The Alexandra Printing Ink Company, with a capital of 12,000%, in shares of 10% each, has been formed for the purpose of acquiring a patent right for the manufacture of printers' ink of new materials, better quality, and more economic than those now in use. At a meeting of the promoters, held on Thursday, Mr. F. C. W. Brandt stated that the cause of the greater cheapness was that the base of the ink was a bye-product obtained in the manufacture of an article newly introduced. The printers' ink trade he found to be a close monopoly, but when the various intricacies were examined into he discovered that there was ample room for a good business upon very remunerative terms. Mr. Driver said that he had ascertained that there were about 20 inkmakers in London and 6 in the country, and, from particular he had obtained, he had been enabled to calculate that the consumption of printers had upon means and the sach manufacturer. They had 20 newspapers already using it, and the opinion he had beard expressed was highly gratifying; indeed, they would not be likely to use times it were superior, for the competition in the printers' ink trade was immans. Mr. Brandt having reported that there were smidlent shares taken to enable them to make the sach and the purchase-money for lass, machinery, plant, &c., has been fixed at 3500%.—2500% in paid-up shares and 1000% in each. It was stated that the plant alone was worth the amount to be paid in cash.

At Redruth Ticketing, on Thursday, 2387 tons of ore were sold, realished. The sach and the sach and the purchase-money for lass, machinery, plant, &c., has been fixed at 3500%.—2500% in paid-up shares and 1000% in each. It was stated that the plant alone was worth the amount to be paid in cash.

At Redruth Ticketing, on Thursday, 2387 tons of ore were sold, realished. Thus, 2387 and 128 8 0 6 6 4 5 4 0 15 6 6 6 7 8 7 8 17 0 8 2 18

At the Trelawny Mine meeting, on Thursday (Mr. Page in the chair), a dividend of 12a. 6d. per share was declared, leaving a balance of 1416i, to be carried ferward to the credit of the next account. Details in another column.

At the Wheal Mary Ann meeting, on Tuesday, the accounts showed a credit balance of 20481, 16s. 6d. A dividend of 5121. (10s. per share) was declared, and 1861, 16s. 6d. carried forward. Capts. Peter Clymo, Hodge, Harris, and Stevens report that the stopes and pitches are producing much the same as they have for some time past.

the state stopes and pitches are producing much the same as they have for some time past. At the Minera Boundary and Lower Eisteddfod Mining Company meeting, held at Shrewsbury, on March 9, a dividend of 2s, per 11, share was declared for the March quarter. The state and prospects of the mine were considered highly satisfactory. At West Maria and Fortescue Mines meeting, on Feb. 28, the accounts showed a credit balance of 661, 17s. A call of 2s, per share was made. Reports were from Capts. Skawis and Donnai, the agents; Capt. W. George, of Prince Arthur Cansels; and T. Carrie Gregory, C.E., which were considered satisfactory. At East Pool Mine meeting, on March 13, the accounts showed a debit balance of 12241, 8s. The ore sales comprised copper, tin, arsenic, and wolfram. Capts. At Sant Pool Mine meeting, on March 13, the accounts showed a debit balance of 12241, 8s. The ore sales comprised copper, tin, arsenic, and wolfram. Capts. At South Exmouth Mine meeting, on March 1, a call of 8s. per share was made. Capts. Nicholis and Maunder reported upon the various points of operation. The purse explained that the mine immediately adjoins, and is on the same lodes as, make replaced that the nature immediately adjoins, and is on the same lodes as, make replaced that the nature immediately adjoins, and is on the same lodes as, make replaced that the shows paying over 5001, per month profits. Capt. Nicholis is manager of both mines, and his confidence in the successer? South Exmouth is undiminished.

The cross-cut is being driven in the 90 to intersect the lode, and efforts will be made to intersect it before the May meeting.

At Par Consols Mine meeting, on March 11, the accounts for the four menths ending Dec. abowed a loss of 18971. 5s. 9d. A credit balance of 10791. 17s. 3d. was carried forward. Capts. Puckey, Rich, and Hocking any—"From our stopes and tribute pitches we hope to return for the next four months 25 tons of black tin per month. During the past four months we have soid upwards of 110 tons of black tin, but in consequence of the present very low price for tin, we have not been able to pay the cost of the mine; but had we realised the same price for our tin as at this time last year, we should have been able to pay the cost." Mr. W. Davis, the purser, announces that he has arranged for a renewed lease for 21 years, at a reduction of dues.

At Rockearnoweth Mine meeting, on Tuesday, the accounts showed a debit balance of 91. 19s. 9d. A call of \$s. per share was made. Capts. Vivian, Angove, and Hosking reported upon the various points of operation. The arrears of call amounted to 1891.

At North Roskear Mine meeting, on Tuesday, the accounts for Dec. and Jan. showed a debit balance of 11681. 0s. 7d. A call of 11. per share was made. The arrears of call amounted to 8801. 3s. 9d. Capts. Vivian, Angove, and Hosking reported that they had sold 21 tons 13 cwts. 3qrs. 22 lbs. of black tin, showing an increase of 8 tons 0 cwt. 1 qt. 13 lbs. on the quantity credited at the last meeting. They could have returned a larger quantity of tin than they have yet done, but, in consequence of the great drop which has taken place in the price of that metal, it would only have created a greater loss, the principal of the stopes producing tinstons of such a low quality as could only yield a profit at a higher price than they have had for some time, but some of the stopes are now beginning to produce tinstone of better quality; so that they may conclude on increasing their returns in future, from ground of a profita

5s, per share was made.

At the Gwydyr Park Consols Mine meeting, on Wednesday, the accounts showed a cash balance of 811. 13s. 8d., and an excess of liabilities 81. 3s. A call of 6d, per share was made. ^{6d}, per share was made. At the British Slate Company meeting, on March 11 (Mr. John Robinn in the chair), a dividend of 4 per cent. for the half-year was declared. Details in

other column.

At the Labuan Coal Company (special) meeting, on Tuesday (Sir J. D.
Elphinstone, Bart., M.P., in the chair), the resolutions for the absorption of the comny by the China Steam-ship and Labuan Coal Company were confirmed. The details
pear in another column.

pany by the China Steam-sin and Labuan Coal Company were commed. He details appear in another column.

The Gellivara Company meeting, to be held on Wednesday, would have been held earlier had not the managing director, Mr. V. Kjellberg and the engineer, Mr. J. H. Tolimé (whose presence on the occasion was considered indispensable), been unavoidably detained in Sweden. The value of the stock of wood lying on the company's estate is 55,2044, and the result, in addition to the shipments made during the summer, amounting to upwards of 20,0004, shows a profit on the operations carried on. Since the establishment of the company the directors have taken the necessary steps for earrying out the works connected with the railway and canalisation of the River Lules. The statements received from Mr. Toliné, and from others who have visited the property, more than confirm the highest estimates formed of its value, and the directors have no doubt of the ultimate success of the undertaking. The difficulties are principally those of administration. The experience already gained will enable the board to improve the efficiency while curtailing the cost of management; and they look forward to the not very distant time when the completion of their communication between the interior and the sea will have enabled them to bring the company's jaineral wealth to a profitable market.

a profitable market.
The Universal Private Telegraph Company third annual meeting will The Universal Private Telegraph Company third annual meeting will be held on Wednesday. The directors congratulate the shareholders on the steady progress in the business of the company, showing the gradual appreciation by the public of Prof. Wheatstone's valuable patents, now the exclusive property of the company. On Dec. 31, 1862, the gross rentals were 2499/8. s.; on Dec. 31, 1863, they were 54214. 8s.; on Dec. 31, 1864, they amounted to 88531. 15s.; and the applications for new lines are rapidly increasing. The interim dividand of 6l. per cent. paid in September for the half-year ending June 30, 1864, isfully justified, and the directors recommend a dividend for the whole year, ending Dec. 31, at the same rate. The company's prospects among the coal proprietors in Newcastle, South Wales, and other mineral districts, are encouraging. In the West Highlands of Sociiand a telegraph is contemplated, under substantial guarantees, showing a liberal return upon the capital to be expended; and, without going into details, it may be stated generally that the company's system is extensively spreading, as its specifial and exclusive advantages are becoming better known and appreciated.

substantial guarantees, showing a liberal return upon the capital to be expended; and, without going into details, it may be stated generally that the company's system is extensively spreading, as its special and exclusive advantages are becoming better thown and appreciated.

The Master of the Rolls has appointed Mr. James Cooper, of the firm of Johnstone, Cooper, Wintle, and Evans, official liquidator of the West of England Lead Smelting Company (Limited); and Mr. Chatteris, the accountant, to be official liquidator of the General Rolling Stock Company (Limited), and the Commercial Navigation Company of India (Limited), are to be heard before the Master of the Rolls this day.

Petitions for winding-up the Factage Parisien (Limited), and the Commercial Navigation Company of India (Limited), are to be heard before the Master of the Rolls this day.

Petitions for winding-up the West Par Consols Mining Company, and Pengenna Mining Company, are to be heard in the Stannaries Court this day and Monday.

THE COPPER TRADE.—Mr. J. Pitcairn-Campbell, of Liverpool, reports—The market continues very firm, though quiet, for English copper, whilst foreign and the raw minetrial show rather an advancing tendency, with a better demand. The sales in the fortnight have been—

Mar. 1.—35 tons bars, to arrive, per "Nauphante" ... £81 10 0 per ton.

2.—15 tons Urmeneta ingote, ex "Grandian" ... 89 0 0 ... 2.—50 tons bars, ex "Cape Horn" ... 89 0 0 ... 2.—60 tons bars, ex "Cape Horn" ... 89 0 0 ... 2.—60 tons bars, ex "Cape Horn" ... 89 0 0 ... 2.—60 tons bars, ex "Cape Horn" ... 89 0 0 ... 2.—60 tons bars, ex "Cape Horn" ... 89 0 0 0 ... 2.—60 tons bars, ex "Cape Horn" ... 89 0 0 0 ... 2.—60 tons bars, ex "Cape Horn" ... 89 0 0 0 ... 2.—60 tons sregulus, at 5 wannesa, ex "Rose of England" ... 0 16 9 per unit. 8.—90 tons frequises, ex "Cape Horn" ... 89 0 0 0 ... 2.—60 tons frequises, ex "Cape Horn" ... 89 0 0 0 ... 2.—60 tons frequises, ex "Cape Horn" ... 89 0 0 0 ... 2.—70 tons bars, to arrive, per "Jessie Jamieson" ... 82 0 0 per

12 cargoes unsold-45 ships at sea.

THE COAL TRADE OF THE UNITED STATES .- The anthracite coal trade of the year just passed amounts to 9,992,807 tons, being an increase of 557,624 tons. With the bituminous coal the total amount is 11,741,139 The increase of domestic coal is 630,000 tons. foreign coal was 490,167 tons. The colliery capacity of the different regions is ample to supply all the coal the market will require. Miners and labourers are more abundant. The supply of coal in 1865 will depend altogether on the transporting capacity to convey it to market.

OUR EXPORT COAL TRADE.—The exports of coal to France in December, 1864, presented a very considerable increase, as compared with December, 1863, but in January, 1865, there was a slight decrease, as compared with January, 1864. It is satisfactory to observe that 1865 has commenced well as regards the exports of coal to Prussia, 7100 tons having been shipped to that country in January, as compared with 2525 tons in January, 1864. We say it is satisfactory to observe this revival in the shipments to Prussia, because they declined to 346,172 tons in 1864, as compared with 522,300 tons in 1863, and 535,336 tons in 1862. The ex-

ports of coal to Denmark in December were 30,008 tons, but in January

ports of coal to Denmark in December were 30,008 tons, but in January they declined to 18,228 tons. It is curious to observe, however, what a large amount of our coal this little country consumes; last year it took 604,002 tons, while Russia was a customer for only 475,054 tons, although 20 Denmarks would be swallowed up in the enormous territories of the Cxar. The exports of coal to Spain last year were 346,096 tons, but this year there is a falling-off discernible, the exports to the Peninsula having sunk to 41,470 tons in January, as compared with 53,034 tons in January, 1864. To Italy—which took 345,482 tons of English coal in 1864, as compared with 277,597 tons in 1863—we sent only 19,230 tons of coal in January, as compared with 40,900 tons in January, 1864.

The Forrigh Coal Trade.—Our exports of coal—that is, coal, cinders, and culum—have immensely expanded of late years. Thus during the last 15 years they have moved on as follows:—

1859—...Tons 3,351,889 1855—...Tons 4,976,902 1869—...Tons 7,211,842 1851—...3,484,845 1884.—...5,879,779 1861.—...Tons 7,211,842 1851.—...3,484,845 1884.—...5,879,779 1861.—...Tons 7,211,842 1853.—...3,440,194 1857.—...6,737,718 1862.—...5,901,932 1854.—....4,909,225 1899.—...7,006,949 1884.—...5,901,932 1854.—...4,909,225 1899.—...7,006,949 1884.—...5,801,932 1854.—...4,909,225 1899.—...7,006,949 1884.—...5,800,429 From 1850 to 1857 there was an incessant advance; in 1858 there was a check, but 1859, 1860, 1861, and 1862 were years of progress. Again in 1863 there was a certain stagnation; but last year's figures were carried to a higher level than had been ever before attained in any twelve months; and, comparing 1864 with 1856, we see an advance—notwithstanding the warning voice raised by Sir William Armstrong in the autumn of 1863 on the necessity of economising our coal supplies—of no less than 5,448,540 tons, or 132-53 per cent. It is worthy, of note that, notwithstanding the great efforts made of late years to increase the extraction of coal in France, the export of

The total sum thus received by Great Britain from foreign countries for coal in 15 years was no less than 41,036,666l. It may be remarked that France is still our best customer for coal.

EAST WHEAL LOVELL..—The lode in the shaft sinking below the 40 fm. level has considerably improved, being now worth 85% to 95%, per fathom. An inspection values it at 2 tans of tin to the fathom, which, at the present price of tin, would be about 100% to 110%, per fathom. There seems to be no doubt that as they sink the richer will this lode become, and when the levels are extended east and west rich reserves of tin are expected to be opened up. Stopling ground is already available in the old shaft, sinking on the course of the lode from the 26 to the 40 fm. level; the value of this ground has been estimated at 100%, 120%, and as high as 200%, per fathom. On the south lode a rich course of tin has been gone through from the 17 to the 35 fm, level, varying in value from 80% to 100%, per fathom. A cross-out is being driven from the north lode to intersect this rich course of tin. The intersection will shortly be made, when, no doubt, large reserves will be opened upon; this is one of the most important points in the mine. It should not be forgotten that the Turnpike iode, at a few fathoms from surface, has been driven upon for some distance, and of an average value of 25%, per fathom—that level, as stated by Capt. Burgan, can be driven at from 12s. 6d. to 20s. per fm. Flat-rods are being attached to the engine to develope this lode more fully, and the general beilef is that it will turn out as rich, if not richer, than either of the other two lodes. There are several other side lodes that will be operated upon shortly.

WEATHER PREDICTIONS.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—My professional engagements of late have prevented me from saying anything in reference to the weather, neither have I time now to go into detail; but I may state that, to all appearance, we shall have a cold, dreary spring and wet summer; already we are in the middle of March, and the vegetation is in a very backward state for the time of year. Last year the rains deluged the more southern parts of Germany; this year we shall have the wet in Western Europe. As soon as I have more time I will again resume this subject, for the information of the readers of the Journal.—Throgmorton-st., March 16,

G. Shepherd, C.E.,
Author of the "Climate of England."

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Date. Mines.	Ton	s. /	Price	per	tor	1.	Purchasers.
March 10-Wheal Frank Mills	. 65		£20	1	0		Panther Co.
- ditto	. 95		13	2	0		Treffry's Trustees.
-New Crow Hill					6		_
- ditto				12			
March 11-Wheal Mary Ann	. 70		26	7	6		Sims, Willyams, & Co
- ditto				13	6		ditto
March 13-Frongoch	. 50			18	0		Burry Port Co.
- ditto	. 25		12	16	0		ditto
- ditto	. 25		12	16	0		Sims, Willyams, & Co
-East Darren	. 75		15	15	0		J. & J. Williams.
-Cwm Erfin	. 25		17	0	6		Panther Co.
- ditto	. 40		17	9	6		ditto

COPPER ORES.
Sampled March 1, and sold at Tabb's Hotel, Redruth, March 16.

	Mines.	To	ns.	P	ice.		Mines.	Tons.	P	rice.	
	East Carn I	3rea	77	£2	6	0	Wheal Margery			5 2	6
	ditto	**********	74	4	1	6		46		4 18	0
	ditto	*********	56	- 5	17	0	ditto	****** 45		2 1	
	ditto	*********	54	7	9	0	ditto	44		5 18	6
	ditto	*********	51	8	19	0	ditto	43		2 3	0
	ditto	**********	19	3	17	0	East Rosewarne	***** 51		9 10	6
	ditto	**********	15	- 6	1	0	ditto	40		9 3	0
	ditto	**********	40	6	19	6	ditto	34		7 1	6
	ditto	**********	22	5	5	6	ditto	30	1	4 0	6
	West Basse	t	85	3	8	0	New Rosewarne	63		5 19	0
i.	ditto	*********	61	7	6	6	ditto	50		6 1	6
	ditto	*********	80	. 5	13	6	ditto	18	1	3 3	
	ditto	********			1	6	Treloweth			2 18	0
,	diito	********			0	6		***** 36		2 18	0
	ditto	**********	46	. 5	0	6	ditto	14	1	3 5	0
	ditto	********			18	0	Wheal Buller .			2 2	6
	ditto				5	0		27		6 8	6
		ited			4	0		72		7 15	ě
	ditto	*********			11	6	Tolvadden			5 0	ě
	ditto	***********			8	6		25		3 9	ō
	ditto	**********			13	6	Copper Hill			8 5	ě
	ditto	**********				8		32		2 11	ě
	ditto				0	0	Polharman			4 11	
		ECTY			7	o	North Basset .			8 0	ā
	ditto	Bory				8		11		4 16	ă
đ	unito	*********						*******			•
CI.						_	RODUCE.				
Ta.	W 4 (1	Th 460		OFOR	10		Office Thelles	0.0		-0	-

East Carn Brea 468 £2520 19 0 Wheal Buller 87 £290 7 0 West Basset 404 2288 0 0 Par Consols 72 559 16 0 Propper United 394 1587 1 6 Tolyadden 71 398 13 0 Wheal Margery 370 1243 18 0 Copper Hill 65 385 9 6 East Rosewarne 155 1514 1 6 Poinarman Mines 41 187 11 6 New Rosewarne 131 915 15 0 North Basset 32 111 4 0 Treloweth 91 408 16 0 Thomas's Ore 11 53 1 6

COMPANIES BY WHOM THE ORES WERE PURCHASED.
Tons. Amount.

Copper ores for sale on Thursday next, at the Royal Hotel, Truro.—Mines and pascels.—Devon Great Consols 2342—New Wheal Martha 581—Hingaton Down 480—East Caradon 475—Marke Vailey 440—Bedford United 210—Wheal Emma 210—East Russell 188—Okel FOr 153—Wheal Friendship 147—Lady Bertha 72—Fursdon 68—Gamnislake (Citters) 60—Great Tregune 12.—Total, 5373 toos.

Copper ores for sale on Thursday week, at Tabb's Hotel, Redruth.—Mines and parceis.—Clifford Amaigamated 500—South Caradon 486—Wheal Rose 450—Picanix Mines 413—North Treskerby 230—Fowey Consols 270—Great Wheal Busy 252—West Caradon 204—Boscawen 178—Gonamena 121—North Downs 50—Tresavean 37—Peda-an-dress 25—South Crimis 24—East Wheal Agar 24—Wheal Leisure 10—Perran Mines 10.—Total, 3393 tons.

WATSON AND CUELL'S MINING CIRCULAR.

WATSON AND CUELL, MINING AGENTS, STOCK AND SHARE DEALERS, &c., 1. ST. MICHAEL'S ALLEY, CORNHILL, LONDON

Messrs. Watson and Cuell having made arrangements for transferring their weekly Circular, which has had so large a circulation during the past ten years, to the columns of the *Mining Journal*, their special reports and remarks upon Mines and Mining, and the state of the Share Market, will

remarks upon Mines and Mining, and the state of the Share Market, will in future appear in this column.

In the year 1843, when Cornish mining was almost unknown to the general public, attention was first called to its advantages, when properly conducted, in the "Compendium of British Mining," commenced in 1837, and published in 1843, by Mr. J. Y. Watson, F.G.S., author of "Gleannags among Mines and Miners," "Records of Ancient Mining," "Cornish Notes" (first series, 1862), "Cornish Notes" (second series, 1863), "The Progress of Mining," with Statistics of the Mining Interest, annually for 21 years, &c., &c. In the Compendium published in 1843 Mr. Watson was the first to recommend the system of a "division of small risks in several mines, ensuring success in the aggregate," and Mesars. Watson and Cuell have always a selected list on hand. Perhaps at no former period in the annals of mining has there been more peculiar need of honest and experienced advice in regard to mines and share-dealing than there is at present; and, from the lengthened experience of Messrs. Watson and Cuell, they are emboldened to offer, thus publicly, their best services to all connected with mines or the market, as they have for so many years done privately, through the medium of their own Circular.

Messrs. Watson and Cuell, transact business in the purchase and sale of mining shares, and other securities, payments of calls, receipt, and trans-

Measrs. Warson and Cuell transact business in the purchase and sale of mining shares, and other securities, payments of calls, receipt, and transmission of dividends, obtaining information for clients, and affording advice, to the best of their knowledge and judgment, based on the experience of more than 30 years active connection with the Mining Market.

Messrs. Warson and Cuell also inform their clients and the public, that they transact business in the public funds, railways, docks, insurance, and every other description of shares dealt in on the Stock Exchange.

Messrs. Warson and Cuell are almost daily asked their opinion of particular mines, as well as to recommend mines to invest or speculate in, and

Messrs. WATSON and CUELL are almost daily asked their opinion of particular mines, as well as to recommend mines to invest or speculate in, and they give their advice and recommend mines to the best of their judgment and ability, founded on the best practical advice they can obtain from the mining districts, but they will not be held responsible, nor subject to blame, if results do not always equal the expectations they may have held out in a property so fluctuating as mining.

Messrs. WATSON and CUELL having agents and correspondents in all the mining districts, and an extensive connection among the largest holders of

mining districts, and an extensive connection among the largest holders of mining property, have the more confidence in tendering their advice on all matters relating to the state and prospects of mines and mining companies, and are enabled to supply shares in all the best mines at close market prices, free of all charges for commission.

"Sink your Shaft."—We are glad to state that the purser of Frank Mills, Mr. Wescomb, has taken the pursership of Wheal Hope, and that Capt. Nicholis has been appointed managing agent. A special meeting has been called, for the purpose of forfeiting all shares in arrear of calls, and the forfeited shares will be disposed of for the benefit of the company. Mr. Wescomb, prior to undertaking the management, had the mine inspected by Captain Nicholls, as we suggested, and his report was of that satisfactory nature that he has bought up 1-5th of the mine. For the next three months rather a heavy outlay will be required, after which he thinks mine will do well.

BOTTLE HILL.—When these shares were very low indeed we called attention to them in vain. The mine has been selling for about 10002, and has done better during the past four months than many mines selling at upwards of 20,0002. For the next quarter there is every prospect of the mine making a profit-

Wheal Unity Consols.—This mine has been specially inspected, and the following very satisfactory report handed to us;—"The flat-rod shaft is sunk 70 fathoms below surface, and sinking resumed below this level; the lode in the bottom is 2 feet wide, the orey or copper-yielding part of which is 1 foot wide, and will produce 1 ton per fathom, of a very promising character. The 70 west is driven 6 fathoms; the lode is 20 inches wide, and will yield full 1 ton of black and grey copper ore, and has been of much the same value for the whole drivage. The same level east is only driven about 6 feet, having been engaged cutting plat, &c.; the lode in the end is 18 inches wide, worth 1½ ton of copper ore per fathom, and presenting an exceedingly promising appearance; it has materially improved in appearance and value in the last 10 fathoms sinking, and should it so continue in the next 10 fathoms sinking, a good piece of mineral ground will, in all probability, be laid open. The stratum has also changed, being now of a light clay-slate, which is in this locality highly congenial for the production of mineral. The 70, west of sump-winze, is driven 9 fms.; the lode at present is split and disordered, and of no value; the same level cast is driven 15 fathoms; the lode is 9 inches wide, producing a little copper, but insufficient to value. This level has, however, gone through some orey ground that will pay for taking away. It may not be amiss to remark that this mine is on the same lode as Rosewarne United and Rosewarne Consols—in fact, immediately adjoins the latter, which is being worked at a profit to the adventurers, and the former has of late effected such important improvements that it will, in all probability, become a dividend-paying mine ere long." WHEAL UNITY CONSOLS .- This mine has been specially inspected, and

MANUFACTURE OF IRON.—An invention, the object of which is to expedite the fusion of the metal, whereby a great economy of fuel is effected, and also to improve the quality of the iron produced, has been patented by Mr. W. C. Cambridge, of St. Philip's Ironworks, Bristol.—Two, three, or more sorts of iron ores are taken and crushed into pieces of about half an inch in diameter or less. A mixture of ores which will be found to answer the purpose constate of one-third part of red hematite ore. To each ton of such crashed ore about a bushel or a bushel and a half of slaked lime, or any other suitable flux, more or less, according to the nature of the ore, are added, and also about equal proportions of wrought and cast-iron turnings, filings, borings, shavings, or other small pieces of iron. The crushed ore and flux and the iron turnings or borings are to be mixed intimately together, with the addition of a sufficient quantity of water to bring the materials into a thick pasty sates. As the ingredients are thus brought into direct contact with each other the fusion of the ore in the furnace will be materially assisted, and a great economy of fael will be effected. By this invention iron can be worked advantageously in small furnaces, and the fused metal tapped out as often as requisite, thereby leaving the molten iron a much shorter time than usual exposed to the action of the fire, and consequently a better and more even quality of metal can be produced than when amelting ores in the usual way. The quality of the iron will be improved by the addition of iron filings or turnings, and its special characteristics may be regulated by mixing these substances with the ores and flux in such proportions as the quality of iron required thail diotate. In practice it is found that from seven per cent. upwards (according as hardness or strength, or both, may be wanted) of these cast. Iron borings or filings and wroughtiron turnings, or small pieces of either cast or wrought-iron, may be advantageously sedded to the other mater broken or pulverised from one with a suitable flux and water, so that the ingredients may be brought into a pasty state, and formed into bricks or blocks, with the addition of cast or wrought-lient turnings, flings, borings, or other small pieces of from, as set forth,

cast or wrought-iron turnings, filings, borings, or other small pieces of iron, as set forth.

Chemical Composition and Calorific Value of Fuel.—Dr. A.

T. Machattie's paper, for which he received the silver medal of the Royal
Scottish Society of Arts, is printed in the new part of the Society's "Transactions." It contains a summary of experiments, with tabulated results.

The fuels examined were dried wood and peat, ceal, charcoal, and coke. The elements
of these susts in producing heat are carbon, oxygen, hydrogen, and slittle sulphur. The
mesless and injurious elements are nitrogen and mineral sah. By means of a calorimeter,
Dr. Machattle ascertained the relative powers of the combustible elements, and has
printed in a tabulated form the units of heat cent can produce, and the quantity of water
which one pound of each can convert into ateam from the temperatures of 32° and 60°
Fahr. He finds that the calorific value of all kinds of fuel is not the same, either in resard to the quantity or intensity of heat produced; and that we must, therefore, consider
them in regard to their steam-resisting and thermal or pyrometric effects. In our furness
a less of heat is austained by the latent heat of water vapour when the fuel is damp, by
the latent heat of the water vapour when the feel contains hydrogen, and by permitting
the gasea produced during combustion to escape by the chimney at a high temperature
carbon the better. It requires so little oxygen for combustion, and therefore produces
so little carbonic acid, and does not involve a large quantity of mitrogen from the air.

London General Committed Company.—The traffic receipts for the

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week ending March 12 was 10,3394, 15s, 3d.

TAMBURG SOURCE

THE RHOS HALL IRON COMPANY

(LIMITED).

(L

fordshire.

R. COLLUM, Esq., Director of the Finn Vailey Railway Company.

J. H. CRA WFORD, Esq., Director of the Imperial Mexican Railway.

The Hon. CHARLES HAY, 33, Cafogan-place, Belgrave-square, S. W.

JOHN C. HARWEY, Esq., Ironmaster, Longton, North Susfordshire.

WILLIAM TREDWELL, Esq., Railway Contractor, Handsworth, Birmingham.

MAMAGER—M. Henry W. Cresswell, Handsworth, Birmingham.

BANKERS—The East London Bank (Limited) and branches.

Solicitors.

Mesers. Vallance and Vailance, Lombard House, George-yard, Lombard-street; and 20, Essaw-street. Strand. London.

Messrs. Valiance and Valiance, Lombard House,
Essex-streef, Sirand, London.
Messrs. Woodward and Son, Wednesbury.

Messrs. Harding, Pullein, Whinney, and Gibbons, Bark Chambers, Lothbury.

BROKERS.

Messrs. Froom Brothers, Change-alley, London.
John Smith, Esq., Bennett's Hill, Birmingham.
Duniel Croth waite, Esq., Liverpool.

SECRETARY—Francis R. Spry.

ANDICES,—4, CLEMENT'S LANE, LOMBARD STREET.

PROSPECTUS.

This company is formed for the purpose of purchasing and working the ironworks and mineral grant over a well-known extensive property, called the Rhôs Hall and Liwyennion Estates, situate in the county of Denbigh, near Ruabon and Wrexham, in North Wales.

The grant comprises 266 acres, for a former of the property of th

mon consets, situate in the county of Denbigh, near Ruabon and Wrexham, in North Wales.

The grant comprises 366 acres, for a term of which 89 years are unexpired, and the property is held free from all rent and royalty whatever. The company have also the privilege of using the surface land adjoining that comprised in the grant, upon payment of a rental of £7 per acre. The purchase comprises the pits, furnaces, weighting machine, manager's house and offices, and all the machinery and tools of every description.

The operations of the company will be directed principally to the manufacture of pignon. Two blast-furnaces have aiready been erected on the property, and it shafts smit, from which ore to the extent of 150,000 tons, sufficient to supply these furnaces for three years, may be raised without much additional outly. It is proposed to slow other shaft, and to erect one or two more furnaces. There is a good supply of coal on the estate, and if additional fuel be required it can be purchased from the neighbouring collieries at very moderate rates. The coke produced from the coal is almost free from sulphur, an advantage of the utmost value in the manufacture of pig-from.

The ironstone aiready proved yields an average of from 30 to 40 per cent. of ore. The quality of other bedsp assed through, but not yet worked, appears to be equal to those aiready wrought.

The pig-from manufactured at these works will command a ready sale: it will be

already wrought.

The pig-tron manufactured at these works will command a ready sale: it will be eagerly sought for in Sheffield, Leeds, Manchester, and other leading fron-consuming districts. In quality it is equal, if not superior, to the best Yorkshire brands. Two railways are in immediate contiguity to the estate, one of which, the London and North-Western, will, in the course of a few months, run within 50 yards of the furnaces. Unusual facilities are thus afforded for the ready transport of the pig-iron.

First-Clay.— Vast quantities of excellent fire-clay exist on the property. The clay produces excellent bricks, chimney tops, drains and sewage pipes; also many articles of rustic wave.

Prime-Clary.—Vast quantities of excelent fire-clay exist on the property. The clay produces excellent bricks, chimney tops, drains and sawage pipes; also many articles of rustic ware.

Brick-works are also erected on the estate. Bricks can be manufactured at such a cost as to leave a considerable profit; and, independently of the economy in manufacturing them for the purposes of the additional works, there will be no difficulty in finding a ready sale for such as may not be required for this purpose, as offers have already been made to purchase all that can be manufactured at a very remunerative price.

The property has been surveyed and favourably reported upon by Mr. Beckett, of Wolverhampton, the well-known mining engineer, and Mr. Darington, the metallurgist, of London. The reports of these gentlemen fully justify the conclusion at which the directors have arrived with regard to the remunerative character of the undertaking.

The efficient management of works of this description being of the utmost importance to the promotion of a successful result, the directors have the satisfaction to announce that they have secured the services of Mr. Heary Creawell (a gentleman of experience, and well known in the fron districts of Staffordshire) as resident manager.

A provisional contract has been entered into for the purchase of the lease and works on most advantageous terms—the vendor taking one-half of his purchase money in shares, on which no dividend will be paid until a dividend of 10 per cent. has been paid upon the other capital, and the remainder by cash instalments extending over a period of three years and a half.

The directors would draw especial attention to these facts—that there are no royalties or rent whatever payable under the leases, that the works can be put into active operation within a few months, that the pig-iron and other mineral products command a ready sale, and that a railway aiready runs within a few hundred yards of the furnaces, and in the course of a few months will run through the e

FORM OF APPLICATION FOR SHARES.

(To the directors of the Rhôs Hall Iron Company, Limited.)

GENTLEMEN,—Having paid to your bankers the sum of £, being a deposit of £! a share on shares in the above company, I request you will allot me that number of shares, and I hereby agree to accept such shares, or any less number you may allot me; and I authorise you to insert my name in the register of members for the shares so allotted.

Name

Profession or business.

Dated the day of 1865. Address.

PROSPECTUS OF THE

PROSPECTUS OF THE

AST MAES-Y-SAFN LEAD MINING COMPANY (LIMITED), MOLD, NORTH WALES.
Incorporated under the Companies act of 1862, and Table A of the Act is adopted as the Articles of Association for the government of the company.
Capital £50,000, in 5000 shares of £00 caich.
Deposit 10s. per share on application, and £1 on allotment.
Each future call not to exceed £1 per share, and to be subject to one month's notice.
It is not expected that more than £5 per share will have to be called up.
If no allotment be made, the deposits will be returned in full.
DIMECTORS.
CHARLES B. TREVOR ROPER, Esq., Plas Teg, near Mold—CHARRMAN.
ROBERT A. DAGG, Esq., Chetwynd House, Oxton, Birkenbead,
THOMAS HANMER WYNNE, Esq., Nerquis Hall, near Mold.
WILLIAM TREVOR ROPER, Esq., Liw Temple, Liverpool.
FRANK P. MATHEWS, Esq., Liw Temple, Liverpool.
FRANK P. MATHEWS, Esq., Liw Temple, Liverpool.
FRANK P. MATHEWS, Esq., Liw Temple, Liverpool.
STATES — Messrs, Dixons and Company, Essigate-street, Chester.
National and Provincial Bank, Mold.
SOLICTOR—George E. Trevor Roper, Esq., Mold.
BROKER—George Edwin Tannon, Esq., York-buildings, Liverpool.
SECRETARY—Mr. J. Caldecott.
OFFICE,—19, PEPPES TREET, CHESTER.

OFFICE,—10, PEPPER STREET, CHESTER.

This company has been formed for the development of a very extensive tract of mineral ground, comprising five distinct setts,—viz., Brongwyn, Pwil-y-wheel, Fron, Nerquis, and Byrngoleu, which are considered by engineers and practical minera to form one of the richest pieces of mineral ground in North Wales, as will be seen in their reports. They are situated on the Mold mountains, two miles south-west from Mold, are surrounded by dividend-paying mines, and are held by fair and equitable leases for long terms, at 1-12th royalities, from the lords of Mold and other owners; the surface area comprises 400 acres, or thereabouts. Several fair-sized shafts, from 60 to 130 yards deep, have been sunk at various points on them, which will be available for future operations, and from some of which ore can soon be raised; indeed, the shaft marked A on the map, on the east or lower portion of the Brongwyn sett, was sunk 90 yards to a fine run of ore, which was followed down-hill to the Pwil-y-wheel boundary under the road, where 176 tons of ore were raised cut of a very small space, marked black on the map, and the vein, 13 ft. wide, containing a solid rib of ore 2 ft. thick, continued its course down-hill below the water-ievel.

Pwil-y-wheel engine-shaft was sunk 131 yards deep, and a cross-cut was driven south 80 yards, at the 120 yard level (intersecting in its course three other productive runs of ore), to cut this vein in the Pwil-y-wheel set; this was done, and the ore sunk on for 13 yards, at the 120 yard level (intersecting in its course three other productive runs of ore), to cut this vein in the Pwil-y-wheel set; this was done, and the ore sunk on for 13 yards, at the 120 yard level (intersecting in its course three other productive runs of ore), to cut this wein in the Pwil-y-wheel set; this was done, and the ore sunk on for 13 yards, at the 120 yard level (intersecting in its course three other productive runs of ore), to cut this wein in the Pwil-y-wheel set; this was done,

and the mine was stopped for want of means. A new shaft, marked B on the map, 9 ft. by 6 ft., has been sunk down 80 yards dry. It is proposed to erect on this shaft a new 70-in. Cornish engine for pumping, to place it in 24-in. pitwork, and to provide all appliances necessary to drain the ground effectually to a sufficient depth to cut and work the run of ore above alluded to, and such others as may be below it, and within the power of the engine. It is estimated that all necessary operations (including an additional plant on the deep of the property, when the ft place for such shall have been determined by explorations from shaft B) may be carried out for £25,000, and that ore may be raised in twelve months from sinking.

The several leases of these valuable setts, together with the washing-floors, buildings, plant, and machinery thereon, have been transferred to the company free of every other preliminary expense, by the vendors, for £25,000 in cash and 500 paid-up shares of the company (such shares not to be transferable until all the shares have been allotted), and a further sam of £2900 whenever the mine is engable of paying a dividend of 20 per cent, on the paid-up capital. These terms are considered very reasonable, bearing in mind the great worth of the property, and the expense and trouble incurred by the vendors in purchasing the interests of old companies, and obtaining new leases.

These mines have been inspected and reported on by practical mining engineers and mining authorities of bigh position and respectability, some of whom having seen the ore proved at Brongwyn and Pwil-y-wheel when last at work, speak positively to its existence in very large quantities, and particular attention is requested to their reports, and the map and section accompanying them. Among the printed reports are those of Mir. T. L. Cottingham, mining engineer, Moid; Mr. Robert Williams, agent to the lords of Moid; Mr. Absalom Francis, Mcadow-house, Holy well; Capt. John Pryor, mining agent, Moid; and Capt. Francis Evens, B

TO CAPITALISTS.

WHEAL ESTHER UNITED TIN MINES, NEAR BODMIN

The provide machinery, &c., for further development, the adventurers offer on their forest, in one or more lots. There is ample water-power, the ting unlifty, and the setts, 1½ mile east and west, contain seven well-defined lodge, arge lode lately opened on the back has the enough near the surface to yield then drained. The property has been inspected and favourably reported upon it. Ennor, of Featherstone-buildings, Holborn; Capt. Wm. Teague, of Tincroft tedruth: and other experienced agents.

Further particulars may be known of the purser, Mr. J. H. Durw, Bodmin.

THE DEVON GREAT MARIA CONSOLIDATED COPPER MINING COMPANY (LIMITED).

MINING COMPANY (LIMITED).

Capital £50,000, divided into 5000 shares of £10 each.

Deposit £1 per share upon application, and £1 per share upon allotment.

DIRECTORS.

CHARLES JOSEPH CARTTAR, Eq. (Coroner for Kent), Catherine House, Blag.

CHARLES JOSEFH UARTIAR, Esq. (Corose in Lattrim, and 31, Belgraves, heath, S. E.

JOHN JOHNSTONE, Eaq., J.P., Friarstown House, Leitrim, and 31, Belgraves, JOSEPH TILSTON, Esq., Chepstow-place, Bayswater, W.

BANERES—The Metropolitan and Provincial Bank (Limited), 75, Cornhill, E.C., Solicitan—Frederick W. Snell, Esq., 1, George-street, Mansion House, E.C., Auditor—Sydney G. Smith, Esq., Cubilic accountant), 19, Coleman-street, E.C., LCCAL MANAGER AND PURSES—Capt. Richards.

SECRETARY—Mr. Thomas Spargo.

Nos. 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C.

PROSPECTUS.

PROSPECTUS.

This company has been formed for the purpose of working an extensive mineral paperty, situated immediately to the west of the celebrated Devon Great Consols, who upon an outlay of £1024, has paid in dividends £945,152, the present value of that paperty being £288,500.

The geological position of the two mines is the state of the continuous contin

upon an outlay of £1024, has paid in dividends £945,152, the present value of this perty being £588,500.

The geological position of the two mines is identical, and the same lodes pass thread the entire length of the sett; it is, therefore, reasonably expected that equally fauchle results will be realised.

Upwards of £15,000 has aiready been expended upon the property in opening upon lodes and making the necessary erections for a great and permanent mine, independent of which £1500 has been paid to the lord in advance, on account of dues. The total outlay required to bring the mine into a profitable state of working has been carefully investigated, and cannot exceed £10,000.

The directors have the utmost confidence in recommending this investment to the friends and the public. It has elements of success equal, perhaps superior, to any ming enterprise undertaken since the issue of shares in the Devon Great Consols Mins, significant of the property of the superior of the property of the prop

THE SAN PEDRO DEL MONTE SILVER MINING
COMPANY (LIMITED).

Under the Companies Act, 1862, by which each sharsholder's Hability is limited
to the amount unpaid on his shares.

Capital £75,000, in 15,000 shares of £5 each.

10s. per share to be paid upon application, and 10s. on allotment.

No call to exceed £1 per share, nor to be made at intervals of less than two months.

Lieut.-Gen. Sir RICHARD BIRCH, K.C.B., Jermyn-street, St. James's (late Millary Secretary to the Government of India), CHARMAN.
DAVID WILSON, Esq., East India merchant, 79, Cannon-street, London (Chairman the Washoe United Gold and Silver Mining Company).
ALEXANDER CALDER, Esq., Hotham-villas, Putney (Director of the Marine Invaluent Company).

ment Company).

JAMES JOHN FROST, Esq., shipowner, London-street, London (Director of the Ormal

Coffee Company).

EDMUND LYNOH NUGENT, Esq., New-square, Lincoln's-inn (Director of the Oppa Coffee Company).

EDMUND LYNOH NUGENT, Esq., New-square, Lincoln's-inn (Director of the Washoe United Gold and Silver Mining Company).

JOHN RANDON WORCESTER, Esq., East India merchant, Cannon-street, Lonia (Director of the Ceylon Coffee Company).

HENKY HART POTTS, Esq., Maidstone (formerly Superintendent at Bombay to the Peninsular and Oriental Steam Navigation Company).

Capt. THOMAS BLENKINSOP WHITE, Vanbrugh Park, Blackbeath, and late of Hong Kong.

Hong Kong.

Bankers—The Agra and Masterman's Bank (Limited), Nicholas-lane, London.

Bankers—The Agra and Masterman's Bank (Limited), Nicholas-lane, London.

Bolaittons—Messra. Courtenay and Croome, 9, Gracechurch-street, London.

Broker—John Inchbald, E-q., 2, Copthali-court, and Stock Exchange, London.

Suffering in Mixico—W. II. Chynoweth, Esq.

Agents in Mixico—Wessra. London Sons.

Secretary—Mr. J. A. Robertson.

OFFICES,-79, CANNON STREET, LONDON, E.C.

OFFICES,—79, CANNON STREET, LONDON, E.C.

The directors have entered into a provisional contract for the purchase of the San Pelso del Monte Silver Mines, situate near the town of Istapan del Oro, in the province Mexico, and about two days' journey by road from the capital.

By the maps, surveys, and reports furnished to the directors, including the map estified by the authorised Government mining engineer, and his report upon the mines, this property is shown to consist of two great lodes, called the San Pedro and Santa Rits, so two other lodes running parallel with them. The San Pedro and Santa Rits, and two other lodes running parallel with them. The San Pedro and Santa Rits, and the spool as the San Pedro and Santa Rits, and the spool as the San Pedro and Santa Rits.

The four lodes run north and south, and Capitain Eastwick reports that he has itself them at the surface to the great mine of Tialpujahus, out of which M. Labords in the years raised ores to the value of more than seven millions stering. The vendor dispirable his condidence in the success of the company by agreeing to take the whole of the process of the surface to the great mine of Tialpujahus, out of which M. Labords in the years raised ores to the value of more than seven millions stering. The vendor dispirable his condidence in the success of the company by agreeing to take the whole of the process of the surface to the great mines to their present condition. His reason for selling the mines to their present condition. His reason for selling the mines to their present condition. His reason for selling the mines into a paying condition, and that the orea are plentiful and exceedingly rich in quintil (100 lbs.), or 246 ozs. to the ton, and 20 grains of gold per marc (eightouses). Three samples assayed at the imperial Mint in Mexico yielded 11 ozs of silver product of the samples of it assayed at the imperial Mint in Mexico yielded 11 ozs of silver products of the samples of the saves of the samples of the saves of the samples of the saves of

We have examined the samples of minutes to be the result:

No. 1 Produce of gold—traces only—per ton of 20 cwts.

No. 2 "silver—ezs. 72'000 ""

No. 3 "gold—1'975 ""

No. 3 "gold—0'975 ""

No. 3 "gold—0'975 ""

Silver—372'680 ""

JOHNSON, MATTHEY, AND CO."

To the Directors of the San Pedro del Monte Mining Company."
There is an abundant supply of timber in the immediate neighbourhood of the miss, and labour is cheap and plentiful. Ample water power is available for the purposed drainage, and for the supply of the reduction works.

The company will possess this property in perpetuity, free from royalties and charge of any kind whatever.

The silver mines in Mexico have long been celebrated for the great riches which they yielded for centuries to the Spaniards; and now that the country again has a settle Government under the Emperor Maximilian there is little doubt that its wast minesi wealth will command the attention of European investors.

Mr. Chynoweth, the present proprietor, who has resided in Mexico and been connected with mines there for twenty years, has agreed to become the company's superintensity.

in Mexico.

Captain John Eastwick, who is considered one of the best practical miners in Mexico.

Captain John Eastwick, who is considered one of the best practical miners in Mexico, and was for several years in the employ of the Real Del Monte Company, is now easily on the San Pedro Del Monte Mines, and the directors will retain him as mining captain. From the before-mentioned reports it appears that rich ores can at once be raised, set that as soon as smelting and reduction works are put up the company will be able shring silver into the market; and the directors, from the information and estimates fairnished to them, are of opinion that the shareholders may reasonably look to have the capital repaid to them in dividends within two years from the completion of the redstion works.

Full presentations with

Full prospectuses, with reports and map of the mine, may be had of the brokers, solid ors, and at the offices of the company.

THE SAN PEDRO DEL MONTE SILVER MINIO COMPANY (LIMITED).

The last Mexican mail has brought additional advices from Capt. Eastwick as to the prospectus and working of the mine. The following are extracts:

"Since my last letter we have made a new discovery—that of another lode, that rus south of west and north of east, and forming a junction with San Pedro and Santa Sito 40 varsa (a ware is about 3 k, b, wide, with rich apots of motal. My expectage of great results to be realised at this junction will speedly be borne out. We have ready sunk about 3 varsa in the new lode, and it widens and improves as it goes destructed and the state of the state o

ASSAYS AND ANALYSES.—Mr. JOSEPH GREEN,
UNDERTAKES the ASSAYING and ANALYSIS of EVERY DESCRIPTION of
MINERAL.—Assay Office, Chester.

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GREEN,

Rotices to Correspondents.

Howell's Crashins-Machine. The cost, and its comparative economy, as compared with a well to crashing-machine; its cost, and its comparative economy, as compared with a comparative economy, as a comparative economy

THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, MARCH 18, 1865.

With reference to the great Strike and Lock-out in the Iron Trade, we remarked, in last week's Mining Journal, that we trusted the time is not far distant when puddling by manual labour will be entirely superseded by some efficient mechanical application; and it may now be well to consider in what direction we should look for the wished-for improvement. The character of pig-iron, crade as it leaves the blast-farrance, may for our present purpose be regarded as capable of change by two, and only two, distinct processes—that of puddling and that of refining—but it must be remembered that the nature of the change, according as the one or the other process is employed, is widely different; a properly puddled iron possesses qualities which could never be imparted to it by refining. The correspondent of the Times, who writes over the signature of "Y.," appears to regard the Bressmir. process as that likely to remedy the evil which the ironamster has to encounter through the exactions of the puddlers; but, although we admit that there are very many cases in which steel can be successfully substituted for wrought-iron, we opine that the general substitution of steel for iron is by no means practicable. It must be understood, moreover, that the metal we are now referring to as steel is really the metal produced by the pneumatic process, which differs materially from true steel, and is far more suitable as a substitute for iron, both from its difference in texture and its lower price.

Abandoning, then, the hope of superseding the use of puddled iron, or of iron similar in character to that produced by the manual labour of the puddler, we must consider what substitute for that labour presents itself, and we find that as yet two systems of machine-puddling have been proposed; according to one the ordinary puddlers' tools are worked by machinery; according to the tortimary puddlers' tools are worked by machinery according to the tortimary by the feel in the hand, a degree of judgment being required which, of course, could

lined with fire-brick, and is inclined at an angle to its axis of rotation. The molten metal being introduced into this revolving hearth, the puddling is effected without the aid of manual labour, the rotation of the vessel producing an agitation in the mass very similar to that produced with the puddlers tools. It will be seen that the metal is submitted to a reverberatory flame as in the ordinary puddling furnace, and that although the stirring tools are dispensed with, the mass is quite as effectually turned and re-turned by the continual movement of it on the side of the chamber. It is this invention which Mr. WILLIAM MENELAUS is now bringing into thoroughly practical working order at the Dowlais Ironworks, and from

It is this invention which Mr. WILLIAM MENELAUS is now bringing into thoroughly practical working order at the Dowlais Ironworks, and from the work which has been turned out with it no doubt need remain that in the days of puddling by hand labour are numbered. We trust in our next so be eaabled to give a detailed account of the modifications which have been considered necessary at Dowlais, but in the meantime may observe that, in our opinion, the great advantage to be expected from this system of puddling is that the quality of the iron produced will be even better of puddling is that the quality of the iron produced will be even better than that which has hitherto been obtained by manual labour. The great secret of good puddling consists in submitting every portion of the iron under treatment to the action of the flame, and since in a furnace which revolves upon a horizontal axis, and more especially in one which has its sides slightly inclined to that axis of rotation, the various portions of the

molten mass would never be likely to fall twice in the same position, the principle upon which the machine is constructed appears to us as correct as it is simple, and, if wrought-iron is to be produced by mechanical means at all, it must be by some such arrangement as this.

FOREIGN MINING AND METALLURGY.

New Gas Generator.—Several apparatus have been from time to time contrived for the purpose of producing an inflammable gas by the admixture of common air with the vapour of hydrocarbon essences or oils; but a considerable amount of mechanical agency had to be resorted to in order to effect this admixture, until M. Mille's gas generator came into the field. This apparatus consists of several flat dish-like cylinders, placed one over the other, and held together by any convenient supports or framework. the other, and held together by any convenient supports or framework. The upper cylinder is furnished with an open tube, fitted to its upper surface at one end, to admit the air to the liquid contained in the cylinders, and an exit pipe at the opposite end of the same surface conducts the air, when it has passed over the surface of the liquid in this cylinder, into the second receptacle immediately below it, where it passes over a second surface of evaporating fluid, and is thence conducted in like manner to the third cylinder, whence it flows to the burner by means of an ordinary gas-pipe. This admixture of common air and vapour being heavier than atmospheric air, descends by its own weight to the burner, in the same way as the oil in old-fashioned lamps; consequently, all that is necessary to ensure a current of air inwards at the top of the apparatus, and a continuous flow of gas from the bottom cylinder, is to have the machine placed at a higher level than that of the burners it is intended to feed, and the more powerful the flame. Experience is the continuous flow of gas from the bottom cylinder, is to have the machine placed at a higher level than that of the burners it is intended to feed, and the more powerful the flame. Experience is the continuous flow of gas from the bottom cylinder, is to have the machine placed at a higher level than that of the burners it is intended to feed, and the more powerful the flame. Experience the downward pressure of the gas, and the more powerful the flame. level than that of the burners it is intended to feed, and the more elevated this is the greater the downward pressure of the gas, and the more powerful the flame. Experiments made on a large scale in the workshops of M. Camilie de Lavenani, 24. Rue de Chastillon, proved that a height of about 6 metres (19.7 feet) will suffice to enable the gas, spontaneously generated by the passage of the air, though circulating through a tube with only a slight inclination, several times bent horizontally and vertically, to attain considerable distances, and supply the burners on all sides of a vast deliver, with gas equal in brillancy to the best street-gas, though the latter is supplied at a much higher pressure, the burners used being the same as those for ordinary coal gas, giving a clear flame, without sunke or any deposit of carbon, and without fouling or otherwise injuring the metal or India-rubber conduits, leading the gas through its self-acting circuit. These gas generators can be constructed of any size, the most convenient being from 9 inches to 3 feet diameter, according to the extent of the required illumination. The size for two or three lights, burning 5 cubic feet per hour each, is an apparatus with three cylin-

ders each, 9 in. diameter and 1 in. high. The depth of the layer of liquid in each cylinder should not exceed % inch. In general, whatever be the size of the generator, every kilogramme of liquid evaporated produces two cubic metres of inflammable gas; therefore, as a kilogramme is about 35 avoirdupois ounces, and a cubic metre is about 35 eight English feet, an avoirdupois ounce of essence will make 2 cubic feet of gas. For this size of apparatus, holding 18 cas. of liquid in each cylinder, or 54 cas. in all, we have, then, 108 cubic feet of gas formed before the cylinder would be empty, and require the addition of more spirit. This would supply three lights, burning 5 cubic feet each per hour, for seven boars. For supplying large establishments, or several at once, Mille's gas apparatus of requisite calibre can be placed in the upper story of a house, and the gas be laid on as for ordinary coal gas, with this exception that, as the pressure is exerted by the weight of a column of gas, the tubes for it should be slightly of larger diameter than those for coal gas; one or two gause wire diaphragms should also be inserted in the tubes jeast before the burners, to prevent the possibility of the flame spreading to the conduits. The spirits or essences used should not be of higher specific gravity than 640, and should be as pure a hydrocarburet as possible; such as the light essences of perturble um, formed by the distillation of the raw cits, and of which it is absolutely necessary to deprive these, in order that they may be burned without danger in lamps with whele. These essences contain no fatty acids, and are not used for any purpose in commerce, but as a substitute—and an inferior one too—for spirits of trapentine used in homes painting, &c., so that to convert them into gas is the best use they can be put to. When the burpers of Mille's gas generator are closed, as in the daytime, and the apparatus shich cherrially and safely illuminated with the saturated. Thus, the gas remains stagmant in the tubes always

AURIFEROUS QUARTZ MINING-No. IV.

BY THOMAS BELT.

AURIFEROUS QUARTZ MINING—No. IV.

The simple and economical methods that I have described will be found quite sufficient for extracting the gold from quarts and its associated minerals in the great majority of mines, and it is only in a very few exceptional cases that the extra treatment I have now to describe will be necessary, or will repay the cost of carrying it out.

When auriferous quarts veins contain iron pyrites (bisulphuret of iron or mispickel (arsenical iron pyrites) they generally hold a portion of the gold concoaled in their mass in an exceedingly minute state of division, but still existing as metallic gold. Particles of gold occur even in perfect crystals of mispickel and iron pyrites, and when these minerals are present in any quantity it is always necessary to ascertain by assay if there be not sufficient gold passing off in the pyrites, from the appliances for saving the free gold, to cover the expense of further treatment. Should this be the case, the pyrites ought to be separated from the quartz as completely as possible. The usual plan of separation used in gold mining is by means of blankets, but this is a very rude and imperfect process, a considerable portion of the pyrites passing off, and much rough quarts being left on the tables; and though from their very small first cost they may with advantage be used in the first instance for testing the value of the toldes, yet if it has been proved that the pyrites passing off in the waste contains sufficient gold to pay for the extra treatment required, I would recommend that some more effectual mode be adopted for separating them. For this purpose the German percussion tables seem specially adapted, when the quartz has been broken up to a small and nearly uniform size by stamping. They were invented by Mr. Rittenger, and are now largely used in the imperial mines of Hungary. Very poor orose are dressed profitably by them, as after they are set properly they are perfectly self-acting. I have no doubt that they might be advantageously introduc

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

MARCH 16.-There is very little new to be said on the question of the Lock-Out, though columns are being printed about it daily. Two suggestions have been put forth, with a view of terminating the Strike. One comes from some of the masters, and is that 100 puddlers from other districts should go down to North Staffordshire and commence work at the wages accepted in the other districts. This the men generally appear to regard as impracticable, as likely to lead to great heart-burnings, to contentions, and perhaps to violence. A second proposition was made at the meeting of the Millmen's Association, at West Bromwich, on Monday, which was that the masters in the other districts should supply puddled iron to North Staffordshire. The objection made to that is that it was tried in South Staffordshire when there were partial strikes at works in various parts of the district, and that it was not found to work satisfactorily, and that the difficulties would be greater in the case of one or more districts supplying others. The suggestion is, however, worthy of consideration. Perhaps the North Staffordshire ironmasters would not condescend to accept pecuniary aid in other shape from the other ironmasters, else it might be agreed to sell these bars at the regular market price, and that the Ironmasters' Association should pay the carriage, or a part of the carriage, to North Staffordshire, out of a common fund of a maximum quantity for each works in North Staffordshire, so as to admit of the works there being put in operation, then the necessity for the lock-out in other districts would case, as this policy, if effectually carried out. would render the straggle on Lock-Out, though columns are being printed about it daily. Two sugne necessity for the lock-out in other di

each works in North Stanordshire, so as to admit of the works there being put in operation, then the necessity for the lock-out in other districts would cease, as this policy, if effectually carried out, would render the struggle on the part of the North Staffordshire men hopeless.

The writer of this letter has long anticipated, as the consequence of the national organisation of the men, a desperate and vast struggle such as the present; but he is as strongly opposed to lock-outs as to strikes, and has never, despite the assertion at the Trades Union meeting at the Sussex Hotel, Fleet-street, yesterday—that the Mining Journal is the organ of the masters—endorsed the view that the lock-out should only be terminated on the North Staffordshire puddlers resuming work, and any suggestion which affords a fair opening for a solution of the question on any other than these extreme terms ought to be well considered before it is rejected.

The meeting above referred to is by no means satisfactory. Any one who knows the facts must acknowledge that Mr. Potter's speech was most unfair in almost every important particular. He stated that the men believed that the object of the masters was to put down the men's combinations, but this wants proof; and if the masters do intend anything of the sort, they are entering on a hopeless and, therefore, a foolish course; but Mr. Potter adds—"The Times of that day had stated that the men had brought this combination; but he believed it could be proved that the originators of combination; but he believed it could be proved that the

asters had had their secret combinations before the men adopted that principle." Now, there is in every question a basis of fact, whatever may asters had had their secret combinations before the men adopted that principle." Now, there is in every question a basis of fact, whatever may be the opinions deduced from them; and it is unquestionable that the masters in different districts never combined until this last reduction, whilst the national organisation of the men has existed since early in 1864. The proof of the absence of any secret organisation for mutual help on the part of the masters is to be found in the fact, that during the South Staffordshire strike in 1863, and the Leeds strike, no assistance was in any shape rendered by the other districts who reaped the advantage of those struggles

rendered by the other districts who reaped the advantage of those struggles by obtaining more orders.

Again, as to the cause of the reduction, Mr. Potter represents that the resistance by the North Staffordshire men sprung from their own wishes, whereas it is now confessed—a letter of Mr. Kane's, President of the Gateshead Executive, having revealed it—that the strike in North Staffordshire was counselled by the Brierley Hill Executive, though it was represented in the newspapers to be the act of the North Staffordshire men. It is this which makes the rupture so difficult to heal. The masters say—"You deliberately and secretly adopted the policy of fighting the battle in one district so as to overcome first there, and afterwards in all; and when we combined to resist that policy you repudiated the advice you first offered trict so as to overcome first there, and afterwards in all; and when we combined to resist that policy you repudiated the advice you first offered to the North Staffordshire men, and withheld the help you promised them; but they do not now obey your behests, and they do receive aid from some source, and how can we accept your professions, that you have now repudiated the policy you then adopted, when your are confessedly powerless to counteract the policy you deliberately instigated?" It was in the attempt to make all the ironworkers in England obey the dictates of one body that the counter association of masters was first brought into existence, and by the underhand policy which the executive adopted as to North Staffordshire that the difficulty of healing the breach was vastly increased, as the masters had no longer confidence in the resolutions of the Unions.

The interview between the masters and representatives of the Gateshead Union, at Newcastle-on-Tyne, yesterday, was of a hopeful character, and

The interview between the masters and representatives of the Gateshead Union, at Newcastle-on-Tyne, yesterday, was of a hopeful character, and the meeting at York, to-morrow, at which deputations from the South Staffordshire and North Staffordshire masters will be present, may possibly offer some solution to the present dead-lock. All who look on this struggle in the public interest alone, unconnected with the men and masters, must deprecate a disposition on either side to accept of no conclusion but the unconditional defeat of the opposite side.

The readers of the Mining Journal will remember a terrible accident, on Nov. 16 last, at the Withymore Colliery, near Dudley, of Messrs. E. and J. Nock, by which the breaking of a winding-chain led to the loss of eight lives. Four persons—the active proprietor, Mr. Nock; the engineman, Francis Downing; the doggy, Zachariah Mason; and another man, whose committal was evidently the result of misapprehension—were committed for trial by three separate coroners' juries on the charge of manslaughter. At the present assizes for this county, the proprietor and the engineman have been tried, and both acquitted. At previous assizes it has been too frequently the case that charges of this nature have been slurred over, but this has not been so in this instance. Mr. Baron Pigott, who presided, has conducted the investigation with the greatest possible care, and though no one has been convicted the trials cannot fail to impress all connected with colliery operations with the solemn responsibility attaching to them to exercise a watchful supervision over the machinery press all connected with colliery operations with the solemn responsibility attaching to them to exercise a watchful supervision over the machinery and operations on which human life depends.

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

MARCH 16.—The all-absorbing topic of conversation is the great Lock-out in the Iron Trade—the struggle of labour against capital. The re-sult of of this great event is not attempted to be guessed at, but it is feared that it will be attended with disastrous consequences. The latest reports from North Staffordshire are that the men will appeal to the general public for support, and that they will not return to work until compelled by sheer want. The masters, on the other hand, are equally determined to keep their works closed, in order to deprive the North Staffordshire men from receiving support, and thus the struggle has become desperate. There are many firms in these counties who had not given in their names to adhere to the resolution of the Northern masters, and these works are now in here to the resolution of the Northern masters, and these works are now in operation. The men at nearly all the works in these counties who are locked out are willing to adopt the reduced scale; but, owing to the masters having subscribed to the lock-out resolution, are prevented honourably from permitting their works to be opened until the dispute be settled. There is great disorder among the Union executive, and it is stated that a fortnight will absorb nearly the whole funds in hand if the locked out are to receive their 10s, per week. Credit is being limited, and the ultimatum will be, so far as at present can be seen, a victory for the masters. Considering the confused state of the trade, owing to the lock-out, there is more business being transacted than would be supposed, and it is the opinion of those best informed on the subject that had it not been for the lock-out the price of iron would have suffered a further reduction, owing to the overstocking of the market. A very eminent Derbyshire firm have offered to take their men into North Staffordshire at their own expense, in order to supply labour to that district; but the proposition. expense, in order to take their men into North Staffordshire at their own expense, in order to supply labour to that district; but the proposition, liberal as it was, has not been accepted. The offer was also accompanied with a promise that measures should be taken to prevent the men being intimidated.

intimidated.

The Coke Trade is duller, owing to the lock-out, and the demand for coal has diminished from the same cause, but the consumption for other manufacturing purposes continues to increase, especially for distant markets. Though we have had a large quantity of rolling stock manufactured by private companies there is still an outery for railway wagons; and many coal proprietors, especially in Yorkshire, are greatly inconvenienced thereby. The demand for the hard steam coal of Derbyshire continues to increase and it is with difficults that the supply can be made to meet e, and it is with difficulty that the supply can be made to m

All the companies recently formed in Derbyshire and South Yorkshire under the Limited Liability Act are doing well, and the union of interests appears to have been productive of much good. Several companies are defering their declaration of a dividend until they have been in operation a twelve-month. There was a meeting on Wednesday of the firm of John Brown and Co. (Limited), the Atlas Steel Spring and Ironworks, a firm celebrated for the manufacture of armour-plates. Mr. Brown, the late principal partner, occupied the chair, and stated that the meeting had been called formally, in compliance with the Act. The stock had not been taken, nor any balance-sheet struck. The valuation had been made without a single question of difference having arisen, and they had been handed over to the new company, and the amount credited to John Brown and Co. The general meeting was agreed to be held on May 24. The directors and auditors for the ensuing year were elected, and a vote of confidence in the directors and managers was accorded. It was shown that the business operations of the firm had considerably increased, and that a very satisfactory dividend would be declared at the general meeting. After the meeting bad terminated the shareholders madea tour of inspection of the works, with which they were highly pleased.

The Sheepbridge Iron and Coal Co. will declare a dividend next June. The Midland Railway Company have, it is rumoured, purchased the rolling-stock and rails on the works of the Staveley Iron and Coal Company, and they will in future work the traffic. It is reported that this important item in the company's property was not sold to them by the late Mr. Richard Barrow, but was let at a certain rental, and that the property has now been transferred to the Midland Company. It is further stated that the company will make further railway provision on the works. All the companies recently formed in Derbyshire and South Yorkshire

and Company. It is further states that the colliery works at Pilsley, belong-ison on the works.

Great progress is being made with the colliery works at Pilsley, belong-ing to the Clay Cross Company, and also with the Shirland Colliery, near Alfreton, and it is anticipated that these works will be in full operation Anircion, and it is anticipated that these works will be in full operation during the present summer. A great number of new cottages, estimated at between 260 and 300, are about to be erected for the accommodation of the different workmen who will be employed at the collieries. The failure of the Birmingham Bank of Messrs. Attwoods and Co., has had a depressing influence on our local bank-stock here, and has resulted in many withdrawals. There are an unusual number of shares on sale, not only by private sales, but some are offered by public auction.

Barnsley, March 17.—The men at the principal iron establishments in the district are now in full work, having agreed not to support their brethren on strike in Staffordshire. Trade is good in consequence of so many firms having closed, and in some places, such as Milton and Elsecar, orders are so numerous that with those already in hand the men will be fully employed for months to come. The contest between the men and their employers is watched with keen interest by all parties connected with the coal and fron irrades, but as yet no expression of feeling has taken place. The Coal Trade of the district is moderately good, but by no means equal to what it was in the early part of the year. There is not so much doing in coke, and at some of our largest barrers many eff the ovens are out. The decision of the Hones of Commons on Tuesday, throwing out the Lancashire and Yorkshire and Great Eastern Junction Railway Bill, has excited the greatest dissatisfaction amongst our colliery proprietors, and all who are at all interested in the coal trade of the district. By that proceeding the huge monopoly of the Great Northern Company is to be perseutated, and the public taxed to increase its dividends. In London, which consumes nearly one-tenth of the coal raised in the kingdom, it will be seriously felt, as it would have made a difference of from 3s. to 4s. per ton in favour of the retail buyer; at the same time the coal would be put down in the very heart of the clift, thus saving the price of carting. As the cost of carriage by the proposed line would have been 4s. per ton—or 1s. 4d. less than the Great Northern—it will be easily seen that the public are the heavy

losers. To the South Yorkshire district the decision presses with great severity, as it prohibits the development of its mineral wealth, and compels our coalmasters to raise coal to suit the ability of the Great Northern to carry. Only a short time since several of our collieries had to play a day or two in consequence of the locomotive power of the company being required to assist the ordinary traffic, and such no doubt will be the case again, so that our colliery owners are left powerless, and they as well as their workmen are the sufferers. A short time previous to his death, Mr. Joseph Locke, the eminent engineer, said that the South Yorkshire coal trade was only in its infancy, and, judging from the legislation of Tuesday last, it must remain so for the benefit of the Great Northern Railway Company. With two lines of railway to London an impetas would have been given to the trade of the district such as it had never known. The capitalist would have found a fine field for investment, and there would have been a good market for labour. Still the matter cannot remain as it is, and there can be no doubt the breaking down of the monopoly is only a question of time.

REPORT FROM MONMOUTH AND SOUTH WALES.

REPORT FROM MONMOUTH AND SOUTH WALES.

March 16.—Up to the commencement of last week no material change took place in the Iron Trade of this district, consequent upon the Staffordshire lock-out, and although some predicted that there would immediately be a large accession of orders, yet there was no indication of this being the case. About the close of the week, however, buyers began to realise the importance of the lock-out, and then they commenced to give out their orders more freely. The result has been, as might naturally be expected, that makers are firmer in their demands as regards prices, and there is hardly a work in the district where the specifications in hand are not amply sufficient to keep the men in regular employ for a considerable time to come. It is still believed in South Wales that the lock-out will not last long, and that, unless the men yield voluntarily, they will ultimately be obliged to give way, owing to their supplies from the societies being stopped. The steam coal proprietors are full of business, and the house coal collieries are in active employ. Coke shows no change, and patent fuel is in average demand on export account.

The Ebbw Vale Company (Limited) are gradually extending their already large works, and another new mill has just been started at Ebbw Vale, which, when in full operation, will employ a considerable number of additional hands. This is the third mill which has been opened within a very short period of time.

The divertors of the Abergman Company (Limited) have not yet had

eriod of time

The directors of the Aberaman Company (Limited) have not yet had possession of the works, and reports have been circulated during the last few days to the effect that there is every likelihood of Mr. Bailey returning the money paid to him, and the company will then, as a natural re-

sult, cease to exist.

At the Monmouthshire Railway and Canal Company half-yearly meeting, on Wednesday, Mr. Crawshay Bailey, M.P. (the Chairman), congratulated the proprietors on being able to keep up their dividends, and incur such a large outlay in relaying. Mr. Cartwright said he perceived that, although they had an increased traffic, yet the perentage of working expenses had not decreased, as was usual when traffic lorensed. He questioned the advisability of purchasing the Brecon Canal, when their own canal was such a great less to them. He found that the cost of relaying had been much heavier than the estimate of the Chairman and Mr. Thomas Brown at previous meetings, and the opinion he then expressed was being gradually verified. He trusted the directors would oppose the Ebow Valley and Cardiff Junction scheme; and, after some further remarks, concluded by seconding the adoption of the report. Mr. Batchelor asked what had been the result of the negociations with the Sirhowy Company. He understood that the directors could prevent the Ebbw Vailey and Cardiff scheme being carried out, if they only dealt liberally with two or three of their largest freighters. The Chairman replied that they proposed to purchase the Brecon Canal in order to avoid a serious difficulty as to the tonage rates. An offer had been made to work the Sirhowy at 50 per cent. of the gross receipts, but the offer was declined. Mr. Thomas Brown stated that the offer to the matter of the Brecon Canal, the Chairman had acted in the most handsome manner, for if he had stood upon his rights he might have put a large sum of money yearly in hence the consideration. Mr. Lowence, and Mr. Liewellin having offered the matter of the Brecon Canal, the Chairman had acted in the most handsome manner, for if he had stood upon his rights he might have put a large sum of money yearly in his pocket. Mr. Lyne, Mr. Davis, Mr. Lawrence, and Mr. Llewellin having offered some observations, the report was adopted, and a dividend at the rate of 6½ per cent. per annum was declared for the half year.

The proposed amalgamation of the Vale of Neath with the Great

The proposed amalgamation of the Vale of Neath with the Great Western is looked upon with great distrust at Swansea, and the Harbour Trust and other public bodies are taking steps with the view of opposing the bill in Parliament, in so far as to secure to the London and North-Western and other companies running powers to the port. Before the opening of the Swansea and Neath section of the Vale of Neath the Great Western had the control of the coal drops at Swansea, and the unsatisfactory way in which the traffic was then managed has much to do with the present opposition, for the freighters are naturally afraid that once the Vale of Neath is in the hands of the Great Western the same causes of dissatisfaction will prevail.

TRADE OF THE SOUTH WALES PORTS.—The returns of the trade of the several ports of South Wales for the month of February have just ap-peared. The exports of coal were as follows:

		en., 1801.
И	Cardiff	138,774
ı	Newport 22,991	
1	Swansea 44,580	
4	Lianelty 11,496	
٠	Coastwise the shipment were as follows :- Feb., 1865.	eb., 1864.
	Cardiff	69,043
1	Newport 51,287	
1	Swanses 16,755	
1	Lianelly 11,219	

Liancity

The above returns show a slight falling off at all the ports, with the exception of Newport. At Cardiff the exports fell off nearly 14,000 tons, owing mainly to the competition of other ports, more especially Newport, for the Aberdare coal traffic, and the large quantity of steam coal sent of late to Birkenhead for shipment. As the railway facilities to the metropoils and other large markets are improved, it is expected that there will be a gradual increase in the quantity sent inland. Newport exported 2403 tons of ron, being a decrease of nearly 2000 tons as compared with January, and Cardiff 8318 tons, as compared with 7027 tons in the previous month.

The general meeting of the members of the South Wales Institute of Engineers will be held in the Assembly Room of the Castle Hotel, Merthyr Tydvil, on Wednesday, when the following papers, read at the last meeting, will be discussed:—Mr. W. B. Monks's, "On Utilising Pit Tips;" Mr. J. J. Bodmer's, "On the Nature and Manufacture of the Stone Bricks; "Mr. A. Bassett's, "On the Port of Cardiff, and the Aberdare Coal Field;" Mr. G. Farry's, "On the Utilisation of Blast-furnace Slags," And the following papers will be read and discussed:—"On the Caerphilly Mineral District," by Mr. T. Forster Brown; "On Tubbing of Shafts," by Mr. Edward Hedley; "On a new Mining, Colonial, and Land Surveying Theodolite, with Travelling Stand," by Mr. H. D. Hoskbold.

Dublin International Exhibition.—His Royal Highness the Prince of Wales has announced his intention of opening the Exhibition on May 9. The different foreign advices already received by the Executive Committee show that much progress is making to obtain interesting exhibits. In Canada, on the recommendation of Lord Monek, the Legislature has voted 1000?, for forming a small collection of articles. It is to include ores of copper and other metals; specimens of gold, sites, soapstone, chrome, iron, and serpentine marbles; samples of grains, hops, fax, maple, sugar, and honey; sets of woods prepared for study or cabinet collections most useful in the arts, cabinet manufacture, &c.; articles of woollen manufacture, yarn and cloth, prepared skins and saddlery, implements, models, sets of newspapers and periodicals. A committee has also been formed in Sherbrook, for forwarding a collection from the eastern townships of the province, on which Prof. Miles, Lord Aylmer, Dr. Gilbert, and about a dozen other influential gentlemen, are acting.

PURIFYING COAL GAS,—The object of the invention provisionally specified by Mr. John Phillips, of Halton, near Leeds, is—firstly, to purify coal gas; and, secondly, to improve that particular kind of manure known as bone manure, by utilising a gas which is the essence of all manure, and which in the manufacture of coal gas is frequently suffered to escape. This gas is ammonian. It is well known that it is usual to purify coal gas by the means of a lime filter. This line absorbs ammoniacal gas, which, on exposure to the atmosphere, is wasted, and the lime itself after use is comparatively worthless. Mr. Phillip's invention consists in using bones in any desired condition as a filter for the coal gas, and such bones absorbing ammoniacal gas; he fixes such gas by pouring on the bones sulphuric acid, which has a chemical affinity for the ammonia; or other acids may be used (aaving such affinity) to fix the same. He thus obtains a valuable compound manure, and by filtering the coal gas through bones he renders it much purer.

Duty of the Cornish Engines.—In the year 1811 Mr. Joel Lean

coal gas through bones he renders it much purer.

Dury of the Cornish Engines,—In the year 1811 Mr. Joel Lean began to report the performance of the Cornish engines, and during that year, it is said, issued his first engine report. In the year 1827 an eminent engineer, Capt. Samuel Grose, commenced to improve the duty of steam-engines at Great Wheal Towan. It is believed that practical experience has done more than scientific researches in procuring the high economy of fael, which has been the result, and that this has been principally effected by the use of high-pressure steam expansively employed, and using Mr. Trevithick's boilers, and clothing the steam-pipes and cylinders with a non-conducting material, together with great attention of the enginemen to the fires, so as to make the best of every bushel of coals consumed, as some enginemen are now doing on the railways. The following table

W	the I	periodical incr			from 1813 to		nowing took
		App	roximate	Average de	ty of the	Average	duty of the
		nu	mber of	whole for 1	bushel of	best engin	es for 1 bushe
		engine	es reported.	coals of f	94 lbs.	of coal	s of 94 lbs.
	1813	*********		19,456.	000	26.	100,000
	1823		45	28,156.	162	42.	122,000
	1833	*********	57				306,100
	1838	********	61	48,700.			200,000
	1843	********	36	60,000			00,000
	1848		27	53,160.		,	_
					200000		

1848 27 53,160,600

It is 56 years 4 at ... 47,000,000

It is to be deeply regretted that the duty of our steam-engines is decreasing, and that many of the important lessons taught by Capt. Grose appear to be forgotten; whilst we are brought familiar with the rapid improvements of locomotive and marine engines, we have to deplore a retrograding movement of the stationary engines in our Cornish mines. With the present low price of minerals, and very heavy calls and reduced dividends, we certainly ought to try to bring up the duty of our steam-engines to where it was in 1848.

The number of pumping-engines reported for Jan. is 37. They have consumed 2846

tons of coal, and lifted 22°3 million tons of water 10 fms. high. The average duty of the whole is, therefore, 52,800,800 lbs. lifted 1 ft. high, by the consumption of 112 lbs. of our the following engines have exceeded the average daty:

	and compensated actional and compensated with the propagation between TT	
í	bllowing engines have exceeded the average duty:-	
	Boscawen-70 in	65-9
	Cargoll Mines-Michell's 72 in.	64-4
	Cook's Kitchen-50 in.	54-1
	Crane-70 in	66-2
	Great Wheal Busy-Harvey's 85 in	61-6
	Great Work-Leeds'60 in.	68:3
	North Wheal Crofty-Trevenson's 80 in	62:3
	South Wheal Frances-Marriott's 75 in	65'6
	Treloweth-60 in.	87-4
	West Caradon-Elliot's 50 in	65'6
	Wheal Ludcott-Willcocks' 50 in	63-2
	Wheal Margery-Welsley's 45 in	62-1
	Wheal Seton-Tilly's 70 in.	70.0

BLAST-FURNACES .- Mr. Morgan Morgans, of Brendon Hills, Some has patented an invention, which consists in constructing blast-furnaces with a central core, by preference conical, and extending upwards to any desiral height in the furnace. He inserts tayers pointing inwards to the furnace in the on when made hollow, and is thus enabled to introduce, when required, a blast through the core in addition to the ordinary blast. In some cases the whole blast may be driven through the central core. Or the core may be made solid, and then the blast may be introduced in the ordinary manner.

MINING IN AUSTRALASIA-MONTHLY SUMMARY.

ADELAIDE, JAN. 26.—Galvanised iron is rather depressed, in consequence of several lots of damaged being pushed off at auction at low prices. Fencing wire has downward tendency. Bar and plate iron remain much the same. The strike amongst the smelters at Yorke's Peninsula continues, and, in consequence, the Wallarco Company have no copper for sale. The Burra Company have reduced their price to 90, per the at the port. Coals continue much the same, although we have had some heavy arrival from Newcastle, N.S.W. In chemicals, soda crystals is the only article in fair demand, and a small shipment has been disposed of at 101, per ton, to arrive. Tariaric acid is dull of sale. There is no enquiry for carbonate of soda.

from Newcastle, N.S. W. In chemicals, soun crystals is the only stress in his coming, and a small shipment has been disposed of at 101, per ton, to arrive. Tariaric acts is dull of sale. There is no enquiry for carbonate of soda.

Melbourne, Jan. 25.—For some years past a belief had existed that leads of gold were to be found underlying Melbourne and its suburbs, and it was thoese, that in the ancient bed of the Yarra-Yarra, which now flows through a somewhall, that in the ancient bed of the Yarra-Yarra, which now flows through a somewhall, the suburbs of the years which were the suburbs of the precious metal. About four years sins Mr. G. F. Nicholis, a practical and scientific Ballarat miner, in traversing the suburbs of Melbourne, was sixuck by the very strong geological resemblance which extrain part bore to the famous deep leads at Ballarat, the ancient bed of the Yarra-Yarra Rive, Ostrongly was Mr. Nicholis impressed with this fact, that he lectured and wrots on the subject, and asked the Government to test the question. The matter, however, slept for a couple of years, until, traces of gold having teen found in carting gravel from Studley Fark, a company was formed in Collingwood to thoroughly test the matter. A shaft was sunk in Collingwood, which is the principal suburb of the metropolis of Vitoris. A few days since the shaft was bottomed, and as much as half a pushyweight of gold to the bucket was washed out. It is believed that the true bottom on the bel rock has not yet been reached. The matter will, however, be fully tried, as arrangments are being made to put down shafts in other localities.

The realdue of the mining intelligence is very cheering. Further deep leads are in course of development at Morse's Creek, Malmesbury, Daylesford, and Dunolly: while the new gold reefs reported from day to day from the neighbourhood of the Crooked River, in Gipps Land, almost perplex the chronicler when endeavouring to keep ancord of them. The great companies of Ballarat have been yielding very largely fer lon

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dist geod from the community age, on the cannot we min the cannot we min dark infigure to the cannot be dispersed by the cannot b

ears work before team. The creak extended and the Ron-1-noor Come eneighbourhood, have also been raising prodigious quantities of gold, by having obtained during the past year so less than 114,678 ozs., whice, gives only some 50,000% short of half a million of money.

AUSTRALIAN MINES.

AUSTRALIAN MINES.

KAPUNDA.—The quantity of ores raised in Nov. was 225 tons, of 19 per cent. average produce, equal to 48% tons of pure copper, exclusive of 145 tons of sulphur ores for flux. The quantity raised in December was estimated at about 230 tons. Since the date of the last advices 35 tons of copper had been shipped.

YUDANAMUTANA COPPER.—The superintendent (Adelaide, Jan. 19) states—I enclose bills of lading for copper and ore shipped per City of Adelaide. Tan negociations with the Messrs. Cobb having fallen through, it at once entered into a on-tract for 12 months with Mr. Frost, of this city, for the cartage of copper and ore, &c. by horse teams from the Blimman Mine, at 50. per ton; and this moraling I have also entered into another contract with Mr. Worksop, to cart between Port Augusta and the Yada mines. These arrangements are very favourable to the company, as we can now depend upon regularity, as well as a much quicker transit. Four of the teams starts on the 17th inst. for the Blimman Mine; taking with them the fire-bricks and clay, and they will return with copper and ore. As I think that our difficulties are now overcome, I am making arrangements to put to more men at both mines.—Capt. Antheny (Jan. 21) reports—Blimman Mine: The men employed last month preparing No. 3 balt, below the 20 fathom level, have completed those preparatory works, and are now sinking below the eshaft. The lode here is regular and well defined, but poor. The Big Bunch is now full of ore, and must remain so until the horse-whims are ready to draw it to surface. The 10 fathom level, south of the Big Bunch, is also full of ore. The men are taking away ore from the mouth of No. 4 shaft. Two double-action jigging-machins are at work, and doing well; a third is being made. I have about 12 tons of copper, of from 90 to 95 per cent., about 100 tons of ore of from 25 to 35 per cent. The life was composed of rich yellow sulphuret, peach, prina, and very little mundle. The wait had been lot down from the 85, and there was a l

Notes only which are expects with increase the returns of the mins of per cents, a sees the same cost.

YORKE PENINSULA.—Captain Warmington reports from the Kurilla Mine:—The eggine-shaft sinking on the underlie of the lode, down about 6 ft. below the 26, and giving occasional good stones of ore in the bottom. Price for sinking 20, per fm. The lode in the 25 going east from engine-shaft, again improving, good or making in the lode, in sufficient quantities to save. Price for driving 101, per fm. The lode in the 15 going east from engine-shaft, also improved, being from 5 to 9 its wide, very solid grey and yellow ore. We are saving all the ore; cost for driving 101, per fm. On the whole, I am much more pleased and satisfied with the appearances of this mine than at this date last month. The first 5 tons of ore raised by the company from the mine, averaging fully 20 per cent, for copper, were in course of shipment, per Clara Novello, for London."

ENGLISH AND A URPPALIAN COPPER.—There were four furnances and 1300.

inhis mine than at this date last month. The first 5 tons of ore raised by the company from the mine, averaging fully 20 per cent. for copper, were in course of shipment, per from the mine, averaging fully 20 per cent. for copper, were in course of shipment, per Clara Novello, for London."

ENGLISH AND AUSTRALIAN COPPER.—There were four furnaces and two refineries at work at Port Adelaide, and four furnaces at Koorings. Since the date olist advices a further shipment of 50 tons copper had been made.

PORT PHILLIP AND COLONIAL GOLD.—The quantity of quartz crushed during December was 4754 tons, yielding 1411 ozs. 10 dwts. 12 grs. of gold, or an average of 6 dwts. 4 grs. per ton. The total receipts for the same period were 2217. 0s. 76.: payments, 19541. 71s. 8d.: profit, 2621. 2s. 11d. This return shows an increase of quarts crushed per week of 91 tons, but a considerable reduction in yield, amounting to seatly 2 dwts. per ton. The receipts include 4114. 18s. 11d. on account of pyrites, being proceeds of gold produced from materials purchased, as well as profit and respansent of the per seases incurred in operating on that saved at the establishment. The payments includes some extras, such as purchased of payttes, 352,4s. .d.; and frawood, 2001. Quartz crushed in January, 3409% tons; yield, 1039 ozs. 10 dwts., or 6 dwts. 2 grains per ton. The first fornight the yield was poor, but during the third week it foil so much that I had to remonstrate with the Clunes Company; and, but that the ness agreement was so nearly completed, 1 should have terminated the temporary arrains that yielded so well in August last, was sent down, and the effect was at one perceptible in the improved yield of the blanket amaigam. I hope we shall be able gradually be provent all this irregularity in the yield when the mine is in our own hands.

SCOTTISH AUSTRALIAN.—The superintendent at Sydney (Jan. 20) reports from Lambton Collery:—The coal throughout the whole of the working face maintains its original good character. During the slack mo

from carbonates to black ores, and of the latter there are now two small branches, together yielding I ton per fm. The picked carbonates yielded 25% per cent. Retail week I hope to select a site for the erection of our 28-in. c) linder-angine, adapted for pumping, winding, crushing, and sawing."—Smelting Works: Since last report 89% of fine copper have been dispatched from the works to Sydney. By the end of the menh about 19 tons more were expected to arrive in Sydney from the works.

WHEAL ELLEN.—Capt. Barker, Jan. 25: The cross-cut at the 50, at Squarey's engine-shaft, measured on survey-day 2 fms. 1 ft. 5 in.; after driving 3 flurither the lode was discovered, in all 4 fms. east of the shaft underlying 6 fest in the fathom. We have cut through the lode, and turned the end north; it is a strong, coars lode, worth 5 tons per fm, and varying in quality from 6 to 10 per cent., with every promise of improvement in quality as we proceed north. The weight of the pig-lead smelled is 3 tons 0 cwt. 2 qrs. 7 lbs. Assay for silver, 260 cms. 17 dwts. 17 grs.

FORTUNE COPPER.—Capt. Penberthy (Fremantle, Dec. 29) reports:—The new engine-shaft is sunk 6 fms. 2 ft. below the 40, and is set this month to sight men to sink at 15t. per fm; the lode at this point is 18 in. wide, composed of lims, 54t, with a little copper ore. The run of copper ore, 20 in. wide, and worth fully 40t, and shall only reach it at the 50, which point I expect to get about the beginning fraction, which I reported last month, has just left the shaft in a north-casterly direction and shall only reach it at the 50, which point I expect to get about the beginning frame in the last of the 40, south-west of shaft, working by four men; its lot is 2 ft. wide, producing severally 2 tons lead and 1 ton of copper ore per fm., 25 tons lead ore per fm. The stopes in the back of the 40, south-west of shaft, working by four men; its lots.

Skibon and 1 ton grey and green carbonate of copper ore per fm. In section 436 we have cut two new lodes, situate in a good stratum of ground; they are from 2 to 3 ft, wide. I purpose tracing the lodes to a point where I think they will form an intersection. We have blien short in the sampling this month in consequence of the ties and dressing apparatus being resorved and fixed on the new dressing-floors, which are in first-rate working trim. The crusher was fixed and got to work on the 14th inst, which will effect a sawing in the dressing of ores of about 7s. per ton. We have dressed this month 15 tens of copper ore and 21 tons lead ore of good quality.

FOREIGN MINES.

LITER AND QUENANGEN	MINESI	estimated p	roduce for	Jan .:-
Ouenangen	Tons 94	6	14	5.87
Paines	16	*******	*******	0.90
Old Mine	120		*********	
United Mines	13	1	******	0.40
	Mana 040			19-95

THE DYLIFFE MINING DISTRICT, NORTH WALES-No. II.

THE DYLIFFE MINING DISTRICT, NORTH WALES—No. II.

Last week we introduced our readers to this very prolific lead mining district, and we now proceed to show something of its configuration and geological condition. The ground rises for some miles gradually eastward from Machynlleth, situate on the River Dovey (and into which town the tidal wave reaches), for a distance of five or six miles, where the country becomes mountainous, and the road quickly attains a height of 1000 feet above the surrounding valleys: the valleys run more or less at right angles to the line of mountains, and parallel with the lodes. The whole of the rock is clay-aiste, and runs from Dinas Mowddwy southward, in unchanged geological condition, until it meets the Red Sandstone of Brecombire. The veries or lead lodes, which also contain a considerable quantity of silver, and a less considerable amount of copper ore, cross these hills on an average, with about a mile of interverling rock; and as there are about 49 miles of country on this line from north to south, we may roughly estimate that there are about 40 large lead velne passing through, or rather across, it in that distance. But we have another feature of the case to take into account, as the bearing ground on each of these lodes cannot be less than six or seven miles, and mines are seldom more than one mile long, we may possibly in time see developed in this rich rock some 250 to 300 mines; the mines already opened on it are wonderfully rich in metal, and the Dyliffs Mine aione is all to be making a profit of 20,000. A year. It has been found that throughout the whole of the Cardiganshire siste the utmost order prevails with reference to the formation of the metals. There is evidently a law regulating the whole matter upon clear and certain principles. The ore ground is formed in belts, and as the belt of rock strikes every vein, it renders it productive. The constitution of the rock within the edges or boundaries of the most marked description. The line of these belts is nearly magn

SOUTH ALFRED CONSOLS-SPECIAL REPORT.

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apted for 16 1/2 tons ne month

50, at ring 8 ft. et in the g, coarse very pre-l smelted

to eight me, spar, 40%, per direction of Feb. the lede and reathern done per direction.

SOUTH ALFRED CONSOLS—SPECIAL REPORT.

Ventonicague, Hayle, Cornwall, March 15: South Alfred Consols Mine is situated in the parish of Phillack, about a mite and a-half south-east from the port of Hayle. The sett, or mining concession, is very extensive, being nearly a mile in length, and of considerable width, embracing a great number of copper lodes; it is parallel south and adjoins the celebrated Great Wheal Alfred and Alfred Consols Mines, which have returned or sold mineral to the value of much more than a million sterling. Mining operations have recently been commenced in South Alfred Mine, about the centre of the sett, by cutting down from surface one of the ancient shafts to the 20 fm. level (30 fms. from surface), in which a good powerful pumping-engine is erected, and the water drained to the 20 fm. level, which probably will be found to be the bottom of the accient mine. The 20 fm. level has been driven or extended west from engine-shaft about 8 fms., on the course of the lode: the lode in this drivage is highly mineralised throughout, but in places, especially near the end, it contains a great portion of yellow copper ors, which can be taken away at a tribute of 10s. in 14. The lode will average, in the 20 fm. level west from engine-shaft, about 2 ft. wide (in places it is 3 ft. wide), composed of a beautiful friable quarits, blends, from pyrites, and the whole mixed with yellow and grew subplared of copper, a very promising lode indeed; it be bearing is about east and west, with a northerly dip of about 12 in. in 1 fm. The 20 fm, level is about east and west, with a northerly dip of about 12 in. in 1 fm. This 20 fm, level is about east and west, with a northerly dip of about 12 in. in 1 fm. This 20 fm, level is about east and west, with a northerly dip of about 12 in. in 1 fm. This 20 fm, level is about east and west, with a northerly dip of about 12 in. in 1 fm. This 20 fm, level is about east and west, with a northerly dip of about 12 in. in 1 fm. This 20 fm, level is about east and west, with a n

"LUCKY" MINERS.—In these days of depressed mining, the words saky miners" read rather paradoxical, but it is, nevertheless, true that there are such. Pare of men will get a "start" in Dolcoath Mine from their last taking amounting to menthing like 2001. A pare of men working at Wheal Buller will get a similar amount on their next pay-day. These men are "tributers"—fortunate dogs!—Cornwell Gazette.

semething like 2006. A pare of men working at Wheal Buller will get a similar amount on their next pay-day. These men are "tributers"—fortunate dogs!—Cornwall Gazette.

EXPERIMENTS IN DOWSING AT BODMIN.—Dr. Couch, a short time since, dilivered a lecture at the Literary Institution, and, whilst pointing out many popular errors, commented on "dowsing," which has been held in Corowall for hundreds of years to be a means of discovery of copper lodes.—a fact which he, as a scientific man, denied. The lecture led to much discussion, and it was ultimately arranged between the parties concerned, that the matter should be tested; and Mr. Richard Marks, of Bodmin, cabintanker, who are made in mining speculations and in the discovery of copper lodes for many years, undertook to prove that "dowsing" was practically a science. Accordance of the control of the co

ANOTHER CURE OF COUGH BY DR. LOCOCE'S PULMONIC WAFERS.—

ANOTHER CURE OF COUGH BY DR. LOCOCE'S PULMONIC WAFERS.—

8. Wilson-terrace, St. Leonarda-street, Bromley, E.—I can myself testify that they relieved me of a most severe cough, so bad that I was unable to lie down, and I stall do my best to recommend them.—Wm. Nicholas." They give instant relief to athms, consumption, coughs, colds, and all disorders of the breath, throat, and lungs.

7. They is a supplied to the property of the breath, throat, and lungs.

HOLLOWAP's Press Comment of the property of the propert

Price, is. 1½, 24, 9d., and 4s. 6d. per box. Sold by all Druggists.

HOLLOWAY'S PILLS.— DESIRABLE POSSESSION.—Without health no assents of wealth, no means of pleasure, are of the slightest value. It is inconceivable low small a disturbance of the animal functions begies were chefices, and how readily it may be restlied by a few doses of some purifying and regulating madicine, such as these work incovered pills. These have proved the best friend to mankind in every grade, in every land, and under almost every circumstance. Holloway's pills purify the blood, restligation, stimulate the liver and kidneys, and regulate the bowels. When theres, influenza, and other aliments are epidemic, these pills should be taken occasionally by everyone, to keep the blood and system free from the seed of the prevailing pestilence.

THE OPERATIONS AT MONT CENIS.

THE OPERATIONS AT MONT CENIS.

The London Review has an interesting account of the principle on which Mont Cenis is being pierced for the Franco-Italian Railway. Air, compressed by water power, is the motive force employed in tunnelling:—

This new air-compresser is carious from its very simplicity. Imagine a large sypbom of cast-steel pips, with equal legs, closed at each foot; and suppose this inverted, and considerably flattened at the bow. Along this flat base of the double tube moves a piston, worked by a water-wheel, needing of course, only a slight "fall." The sypbon being more than half full of water, as soon as the piston moves to the right the water rises in the right leg, squeezes the air, and at last forces it out through a valve into a receptacle. As it retreats and moves to the left the same process goes on on that side, and when the air has been compressed and driven out, atmospheric at rushes in through other valves at the top to fill up the void so made. By this simple process, air is compressed to one sixth of its ordinary voidem. The power of the water-wheel is, of course, less than that of an hydranile pump, but the stroke is more rapid; so that the amount of the work done is, it appears, quite as great. The quantity of compressed air required for working the pistons and parifying the tunnel after the explosions is immense—a millice of cubic itrasper day. Hence the visited. One great advantage in such a number of generators and receptacles is that an accident does not stop the works, for each supply pipe can be cut off from its neighbours. The tunnel inside is full 15 ft. wide, and high in proportion, lighted with gas (the clear burning of which is an admirable test of the purity of the altri, and provided with a treuch along its whole course, which he wastes carrying of the drainage and holding the gas-pipes, would be alarge falling in of rock. We must not all the supplies of the tunnel is much pursue that it is appeared to the surface attacked being about seven square yard), that the explo

come to bite into it.

LIABILITY OF SHAREHOLDERS TO BE CHARGED AS CONTRIBUTORIES.

—The Lord Chancellor has decided, in re the Agriculturist Insurance Company, that if a shareholder claims to be discharged from a company by a transaction between himself and the directors, which he alleges has, though irregular, acquired validity by lapse of time and acquiseence, he must show that the transaction was fully made known to the company, or faithfully narrated in the books of the company, or reports of the directors, so that if ordinary attention had been used, it must have been observed by, and become known to, the rest of the shareholders. In this case, one Joseph Spackman and other shareholders, in the Agriculturist Insurance Company (which as originally constituted, was for insurance on live stock against losses by disease or other accidents), had agreed with the directors to pay 40001, and thereupon the directors should, under the powers given thom by the Deed of Settlement, declare their shares forfeited for the non-payment of a then pending call. The books and papers of the company, accessible to the shareholders, failed to show the real mature of the arrangement; but, after it had been carried out, Spackman and the others were no longer treated as shareholders, and several alterations were made in the business of the company, to which alterations they were not parties. Eleven years frywards, the company being in course of winding-up, an application was made to puts, each of the company to the air, The Rev. T. H. Browne, High Wycombe, Berks; Thomas Grange Hurst, Mining Engineer, Delgelly, North wales, were elected Fellows. Prof. Nilsson, of Stockholm, was elected a Foreign Correspondent. The following communications were read:—

1.—"On the Echinodermata from the South-east Coast of Arabia, and from Bagh on the Nerbudda," by P. Martin Duncan, M.B., Sec. G.S.

2.—"On the Echinodermata from the South-east Coast of Arabia, and from the Caves of Windmill Hill, Gibraitar;" by Lieutenant Wartes of Wartes of South Sou

Woods, F.L.S., F.U.S.
THE TIN STANDARD.—The tin standard still continues its downward tendency, and in consequence of the depressed state of the tin trade, was further reduced 2s, per cwt. on all sorts on Wednesday Inst. as follows:—Common, 58s.; superior common, 56s.; fine, 57s.; superior fine, 58s. The last drop of 2s. took place on Jan. 26.
Metal continues nominally as before, but can be had much under quotations. The standards this time last year were—common, 10ss.—109s.; refined, 111s.—113s. This shows a difference of about 23s. per cwt.—West Briton.

DY ORDER OF THE SECRETARY OF STATE FOR INDIA
IN COUNCIL, notice is hereby given that the DIRECTOR-GENERAL OF
STORES FOR INDIA will be READY, on or before MONDAY, the 20th instant, to
RECEIVE PROPOSALS in writing, sealed up, from such persons as may be willing
to supply—
SLIP COPPER.
And that the conditions of the said contract may be had on application at the India Store
Office, Cannon-row, Westminster, where the propessis are to be left any time before
Two o'clock r.M. of the said 20th day of March, 1865, after which hour no tender will
be received.

India Office, March 13, 1865.

TO INVENTORS AND PATENTEES.—A GENTLEMAN

TO INVENTORS AND PATENTEES.—A GENTLEMAN having an extensive connection with manufacturers, merchants, and others, would be GLAD to UNDERTAKE the SALE of INVENTIONS or PATENTED ARTICLES, on commission.—Apply to Mr. Rawke, patent office, 14, Clare-street, Bristol, N.B.—Continental and foreign agencies solicited.

JOINT-STOCK COMPANIES ACCOUNTS.—A GENTLEMAN, EXPERIENCED IN KEEPING the ACCOUNTS of JOINT-STOCK COMPANIES, is WILLING to UNDERTAKE to OPEN the BOOKS of ANY NEW UNDERTAKING, or to ARRANGE to KEEP the BOOKS of COMPANIES, ALREADY ESTABLISHED, at moderate remuneration.—Address, "M.E.," care of Mr. Robert Clarke, printer, stationer, &c., 51, Threadneodie street, E.C.

ISAAC FRANCIS, NANT, WREXHAM, a dresser of 30 years experience, is OPEN to INSPECT ANY DRESSING PLACE on moderate terms Mr. Francis can introduce PLANS of IMPROVEMENTS that will SAVE THIRTY PER CENT. COST in certain departments of any dressing floors,

MR. D. STICKLAND, M.E., having had upwards of 40 years' mining experience in Cornwall, several years of which he has had the entire management of minas therein, enables him to GIVE GOOD ADVICE thereon. MINES INSPECTED and faithfully REPORTED ON. DEALER in MINING, RAILWAY, and OTHER SHARES.

His monthly Circular forwarded on receipt of six postage stamps.

R. G. D. SANDY. SHAREDEALER, No. 48,
THREADNEEDLE STREET, LONDON, E.C. (Member of the Mining
Exchange), is in a position to give judicious advice about many market mines, and
can also name a selected few not at present noticed, the prospects of which warrant an
early advance, and are selling at a great sacrifice.

Business transacted for cash or account.

A current daily price list of market transactions issued, and may be had on application.

M. R. J. P. ENDEAN, STOCK AND SHAREBROKER

1, CROWN COURT, OLD BROAD STREET LONDON, E.C.

Having had 25 years' experience in the mining districts of Devon and Cornwall, and
three in the London market, with daily information of important changes from qualified
agents, also the most authentic reports relating to other investments, he is in a position
to afford the earliest information to his clients, and to direct capitalists whether to buy or
sell in mines, railways, or other securities.

Investors should apply to him for reliable information relative to the Chiverton Mines
also the Gamborne and Hiogan districts.

A carsfully selected list of sound progressive and dividend shares (certain to
proper the control of the

MR. H. WADDINGTON, SHAREDEALER, 77, OLD BROAD STREET, LONDON, E.C.

IVI A. H. WADDINGTON, SHAKEDEALER, 77, OLD BROAD STREET, LONDON, E.C.

Mine Shares and Stock Exchange Securities dealt in at close prices.

Investors and speculators will do well to buy Wheal Buller shares at present price—
£30. Wheal Rose, Great North Downs, and North Treskerby shares should be bought to once, even if at a little higher than quoted prices. From 50 to 100 per cent, rise will sward those who act promptly on the above advice.

In Chancery.

IN Re the COMPANIES ACT, 1862, and Re the BRITISH COPPER COMPANY (LIMITED).—TO BE SOLD, BY PUBLIC TENDER, all that VALUABLE MINERAL PROPERTY, called the REDNAL COPPER MINE, altusted at Eardiston, Salop, within two miles of the Rednal Station on the Shrewbury and Chester Railway, together with the EXTENSIVE BUILDINGS, PLANT, STOKES, and MATERIALS, by Mr. H. THREEKE DEDWARDS (the Liquidator of the British Copper Company, Limited), at his office, No. 9, King's Arms-yard, Moorgate-street, London, on Monday, the 94th day of April, 1865, at one o'clock precisely.

The sett extends over about 115 acres, and about haif a-mile on the run of the lode. It is granted for the term of 21 years, from the 28th December, 1864, at a royalty of 1-15th, and a yearly rent of £100, to merge into royalty, and is determinable at twelve months' metice.

An engine-shaft has been sunk to the depth of 30 fms. There are also two other shafts, and levels are driven opening up a considerable extent of ground. There are upon the mine 100 tons (computed) of rich quality copper ore, ranging from 3 to 15 per cent, produce.

Convenient and substantial STONE-BUILT BUILDINGS has been shown.

upon the mine 100 toes (computed) of rich quality copper ore, ranging from 3 to 15 per cent. produce.
Convenient and substantial STONE-BUILT BUILDINGS have been eracted in immediate contiguity to the turnpike road, comprising engine-house, fitted up with 12-horse ENGINE (complete), material house, biacksmith's shop, carpenter's shop, changing house, socount house, and engine house for 60-horse power engine (unfinished).
The mine is situated in the sandstone formation; the lode is well defined, and about 4 ft. wide, with a leader, about 18 in. in width, of rich copper ore.
Being a pare carbonate of copper, similar to the ore of the Aiderley Edge Mines, the copper is extracted from the ore, on the mine itself, by precipitation, at so moderate a cost that the before-named mine is paying 100 per cent. dividends, although their ores only average a produce of 1½ per cent.
The mine has been favourably reported on by Capt. Charles Thomas, of Dolcoath; Capt. Francis Philips, isde of Aiderley Edge; and Capt. Pracce, of the Mottram Mines, near Alderley. Copies of such reports can be obtained on application.
Upwards of £3500 have been laid out on the mine within the last two years, and it is believed that if £1000 is expended in building tanks for precipitating the copper, and extending the levels, large returns will be made by the propristors.
Orders to inspect the above property can be obtained on application to the liquidator, this offices, where particulars and conditions of sale can be had; as also of A. Pul-shook, Esq., Solicitor, 31, Threadneedle-atreet, London; at the Raven Hotel, Shrewsbury; the Railway Hotel, Rednal; and of Mr. Charles Price, at the mine.

GRYLLS CONSOLS.—Parties who have been induced to take shares in this mine will oblige by communicating with "J. M.," care of J. B. Payne, Esq., solicitor, St. James's-square, Manchester.

TO CAPITALISTS.—WANTED, a PARTNER in ONE of the MOST PROMISING COLLIERIES in NORTH WALES. Theroyally is about 500 acres, and is aiready proved to contain four valuable seams of coals, adapted both for house and ateam purposes, and the returns on the capital invested will be at least 50 per cent. annually. The capital is required for the full development of the concern, and if preferred the incoming partner may have the entire management, financially and otherwise.—Address, "W. 16," Post-office, Liverpool.

WANTED, an AGENCY in any MINES in ENGLAND or WALES, as MANAGER or RESIDENT AGENT. Has been brought up to mining for the last 26 years, and has been connected with some of the best mines in Wales for the last 20 years or more. The best of references can be forwarded upon application. Open to inspect and report upon any mining property in Wales, England, Ireland, or Scotland.—Address, "A. B. R.," Post-office, Holywell.

WANTED, a SITUATION as AGENT or MANAGER, at home or abroad, in a SILVER-EAD SMELTING WORKS. The advertiser is thoroughly competent in all its branches. References unexceptionable.—Address, "W. A. J.," 22, Edge Mount, Faddington, Liverpool.

WANTED, a STEAM PUMPING ENGINE, 80 in. cylinder.—
Latters to be addressed, with full particulars, to Mr. WM. BATTE, 33, Great

WANTED, a 20 to a 24 in. SECOND-HAND WINDING ENGINE, complete.—Particulars to be forwarded to Mr. Thos. Hollow, mining & Coffices. Lelant, Hayle.

PARTIES HAVING at their DISPOSAL FIELDS of HARD or SOFT COAL, and SHALE, will hear of a purchaser by addressing "X.G.L.," MINING JOURNAL office, 26, Fiect-street, London, E. C. Communications, stating locality, extent, and any other particulars, will be held strictly confidential.—March, 1866.

NOTICE TO MINING COMPANIES,—TO BE SOLD, THIRTY-FIVE ACRES of fine LAND, with capital MANSION, stabling, offices, walled garden, all in excellent order, well watered, handsomely planted, four miles from Dublin. A RICH VEIN of LEAD ORE discovered on this land; competent judges pronounce it of superior quality. Farliamentary little.—For terms, address Mrs. LATABO RIVERSDALE, Palmerstown, County Dublin.

RONSTONE MINES, ROYALTIES, AND BLAST FURNACE FOR SALE, IN GERMANY.—The ironstone produces the best Spiegel iron, for which there is a constantly increasing demand, and the supply of charcoal is abundant in the neighbourhood of the works.—For price and further particulars apply to Messrs.

FIRMIN and WYAIT, 27, College-street, Dowgate-hill, London.

M WYNDY IRON ORE COMPANY (LIMITED).—Notice is hereby given, that the TRANSFER BOOKS of the above company are CLOSED until after the 50th day of March Inst. By order, N. M. MAXWELL, Sec. London, March 11, 1865.

MWYNDY IRON ORE COMPANY (LIMITED).—Notice is hereby given, that the THIRD ANNUAL GENERAL MEETING of the share-holders in the above company will be HOLDEN at the offices of Measars. John Taylor and Sons, No. 6, Queen-street-place, Upper Thames-street, on Wednesday, the 29th day of March Inst., at One o'clock precisely.

Persuant to notice, the transfer books are closed until after the 30th Inst. London, March 11, 1865.

By order, N. M. MAXWELL, Sec.

Future calls (if required) not to exceed £2 per share, and at intervals of not less than three months.

DIRECTORS.

ROBERT PULLING, Esq. (Messrs. R. and W. Pulling), 18, Philpot-lane—Chairman, ALFRED BRYANT, Esq., 3, Catherine-coart, Tower-hill.

JOSEPH FRY, Esq. (Messrs. Trueman and Fry), Gresham House.

AUGUSTO SOARES, Esq. (Messrs. M. and A. Soares), 40, Seething-lane.

EDWARD TEWART, Esq., 18, York-place, Fortman-square,

G. S. TROWER, Esq., 67, Westbourne-terrace, Hyde-park.

BANKERS—The Agra and Masterman's Bank (Limited).

Solicitrons—Messrs. Courtensy and Croome, 9, Gracechurch-street.

BROKER—John Inchbald, Esq., 2, Copthall-court, and Stock Exchange.

AUDITORS—Alexander Beattle, Esq.; George Hall, Esq.

OFFICES—65. BISHOPSGATE STREET WIFELN.

OFFICES,-66, BISHOPSGATE STREET WITHIN.

OFFICES,—66, BISHOPSGATE STREET WITHIN.

This company was formed in February, 1864, and during the last 12 months has succeeded in providing the necessary plant, and setting into efficient working order many of its valuable oil springs, situate in the important concessions it has obtained in Wailachia.

Prof. Capellini, the eminent Italian geologist, who has made a special study of the petroleum districts of America and elsewhere, and has recently visited and surveyed those of Wallachia, states that the Principalities furnish a vast field for petroleum enterprise, and adds—"I am of opinion, however, that no other company can compete with the Wallachian Petroleum Company, as they decidedly possess the richest and most accessible localities."

the waitachan retroeun Company, as they declerely possess the richest and molecularly possess to company's well Towards of 2000 tons of oil have already been obtained from the company's well Towards of the company is about 30

from contractors; the yield at present from the wells of the company is meaning from contractors; the yield at present from the wells of the company is meaning. The directors propose to erect a refinery establishment at or near Ibralia. They estimate that when it is completed a neit weekly profit of about £400 can be realised on the present limited rate of yield from the company's wells. As these increase it is confidently expected that 60 tons or more of oil will be produced weekly, by which means it is fully satisfacted that profits will be realised equal to similar enterprises in America, some of which are dividing from the profits of refined oil between 10 and 20 per cent. per month among their shareholders.

With the view of establishing such refinery, and to keep in reserve the uncalled ordinary capital of the company, it has been decided to issue the above-mentioned preference shares.

ence shares.

Prospectuses and report above referred to of Prof. Capellini, of Bologna, can be had at the offices of the company, or from the company's solicitors or broker.

WALLACHIAN PETROLEUM COMPANY (LIMITED).—
Notice is hereby given, that the LIST OF APPLICATIONS for the preference shares of the company will be CLOSED on WEDNESDAY, the 22d inst., for the COUNTRY.—March 15, 1865.

By order.

By order.

BY ORDERS, CHARING

CROSS, STOCK, SHARE, AND FINANCE BROKERS, transact business of every kind in British, Foreign, and Colonial Stock, Shares, Bonds, Docks, Debentures, Mines, Miscellancous Investments, including American Government Securities, Confederate States Securities, Spanish, Mexican, and other stocks, and are in direct communication with the powerful bankers and brokers in all European towns and cities, in the Federal and Confederate States, and in the Canadas. The earliest and most accurate information preceived on monetary matters. Investment Circular gratis.

9, Spring-gardens, S.W., March 4, 1865.

OUBLE NUMBER of THE FIELD, the COUNTRY GENTLEMAN'S NEWSPAPER, March 18, contains intelligence from all parts of the world, relating to Hunting, Shooting, Angling, Shooting Quarters to Let, Wild Sports, Pastimes, Natural History, the Turf, the Farm, the Garden, Chess, Whist, the Country House, Bee Keeping, Pigeons, Piscieniture, and Accilimatisation.—A copy in return for seven stamps, to the "Field" office, 346, Strand.

THE NATIONAL BOILER INSURANCE COMPANY

By order of the Board, JOHN HENRY TILLY, Sec.

WANSEA COPPER ORE WHARVES,
TO IMPORTERS OF FOREIGN COPPER, LEAD, AND CALAMINE ORE.
SWANNER, JULY 1, 1864.

General Research of the copper of track, which they have carried on here for so many years past, we have resolved to enter upon that business, and for which purpose we have secured most eligible wharves, on the west side of the North Float, where vessels drawing 30 ft. of water can get alongside at all times. These wharves are now covered in, the floors being made of concrete to prevent waste of the ore. A powerful steam remainer has lately been erected on the premises, and is now in working order.

The basiness we purpose carrying on is that of COPPER ORE WHARFINGERS, combined with metal and other general agencies, which will be managed by our Mr. Thomas Elford, who for 20 years has filled an important situation under Mesers. Williams, Foster, and Co., and for the last elight years has had the entire management of their large copper smelting works, and copper and metal rolling mills, in this locality, as well as the copper ore business of Mesars. W., and J. M. Williams, which we trust will be a sufficient guarantee to our friends that any business they can ye entrust to cure will be conducted with the most scrapulous attention to secure the best results for their interests.

In consequence of their age number of very extensive Copper smelting works concern.

their interests.

In consequence of thei arge number of very extensive Copper smelting works concentrated in this immediated ocality, this market affords greater competition for ore that perhaps any other in the world, there being now no less than sixteen distinct Companies competing for ores sold at the public ticketing, every two or three weeks. There is also a good demand for lead and sinc, or calamine ores, several large lead and appelier works having been established in this district for some time past, and new ones are in coarse of the control of th

Of srection.

Soliciting a share of your consignments of ore, regulus, and slab copper to this port as well as a share of any general business you may have to transact in this quarter, we remain, Gentlemen, your obedient servants, ELFORD, WILLIAMS, AND CO.

REFERENCES:—Messrs. Williams, Foster, and Co., London and Liverpool; Messrs Williams, Harvey, and Co., London and Liverpool; the Glamorganshire Banking Company, Swansea; Messrs. Alex. Bell and Sons, No. 8, Finch-lane, London; Mons. Afgand de Lacombe, Madrid.

CLERICAL, MEDICAL, AND GENERAL LIFE

ASSURANCE SOCIETY.

13, ST. JAMEA'S SQUARE, LONDON, S.W.

ESTABLISHED 1824.

PRESIDENT—The ARCHBISHOP OF CANTERBURY.

CHARMAN—RIGHT HOM. JOHN ROBERT MOWBRAY, M.P.

DEFOTY-CHARMEN WILLIAM BOWMAN, EAG., F.R.S.

SIT CHARLES LOCOCK, BARL, F.R.S.

ecomes payable on the attainment of a specified age, or at death, whichever event small rist happen.

Invalid Lives may be assured at rates proportioned to the increased risk.

PROWIT SETTLEMENT OF CLAIMS.—Claims paid thirty days after proof of death.

The Reversionary Bonus at the quinquennial division in 1862 averaged 48 per cent.

and the cash bonus 28 per cent, on the promiums paid in the five years.

The next Division of Profits will take place in January, 1867, and persons who effect

New Policies before the end of June next will be entitled at that division to one year's

additional share of profits over later entrants.

mal share of profits over later entrants.
les of rates and forms of proposal can be obtained of any of the society's agents, or
GEORGE CUTCLIFFE, Actuary and Secretary,
13, St. James's-square, London, S. W.

First Class Silver Medal, Royal Polytechnic Society, Falmouth, 1864.

CREASE'S PNEUMATIC TUNNELLING ENGINE, for SUPERSEDING the SLOW and EXPENSIVE USE of MANUAL LABOUR in SINKING SHAFTS, DRIVING LEVELS, TUNNELLING, &c., is guaranted to drive through any rock of average hardness at a minimum rate of 1 fm. per diem, and to sink shafts at the rate of 2 fms. in three days.

Mr. Crease will undertake contracts for sinking shafts, driving levels, &c., at ar enormous reduction of time and great saving in cost.

Applications to be addressed (for the present) to the patentee, Mr. E. S. Crease Tavistock, Devon.

C H A R L E S D A V E Y A N D C O

The improvement consists in its having only a single spring, which is strong up to take the lift of the loaded cage; to overhaul the broken rope, however distant he rope is broken. It is an ordinary carriage spring, and can be replaced, when led, at any coach-work. Makers of cages, or inventors, who may wish to combine safety clutches that the combine safety clutch with their own improvements are respectfully informed that liberty o so will be granted to them on easy terms.—Apply to the patentee, Konzar Aprilow, stites-row, Edinburgh.

ASTIER'S PATENT CHAIN PUMP, APPARATUS FOR RAISING WATER ECONOMICALLY, ESPECIALLY CABLE TO ALL KINDS OF MINES, DRAINAGE, WELLS, MARINE

FIRE, &c.

J. U. Barruzh begs to call the attention of proprietors of mines, engineers, architects armers, and the public in general, to his new pump, the cheapest and most efficients ver introduced to public notice. The principle of this new pump is simple and effective, and ta action is so arranged that accidental breakage is impossible. It occupies less space han any other kind of pump in use, does not interfere with the working of the shafts, and unites lightness with a degree of durability almost imperishable. By means of this ydraulic machine water can be raised economically from wells of any depth; it can .eworked either by steam—engine or any other motive power, by quick or slow motion. The following statement presents some of the results obtained by this hydraulic machine, as daily demonstrated by use:—

1.—It utilises from 90 to 92 per cent, of themotive power.

3.—It to price and expenses of installation is 75 per cent. less than the usual pumps em-

1.—Its price and expense of installation is 75 percent, its time, solved for mining purposes.

3.—Its opules a very small space.

4.—It raises water from any depth with the same facility and economy.

5.—It raises with the water, and without the slightest injury to the apparatus, sand, and, wood, stone, and every object of a smaller diameter than its tube.

5.—It raises with the water, and without the slightest injury to the apparatus, sand, and, wood, stone, and every object of a smaller diameter than its tube.

5.—It is easily removed, and requires no cleaning or attention.

BASTIER'S PATENT CHAIN-PUMP may be seen daily in operation at Messrs.

LAMEL BROKER AND Co. Patent Rice Starch Works, Brondey-by-Bow, London, E. James of admission to be had on application to the inventor and patentee, Mr. J. U. Sastier, C. E., 12, Gower-street North, London.

J. U. Rastier, sole manufacturer, will CONTRACT to ERECT his PATENT PUMP & HIS OWN EXPENSE, and will GUARANTEE IT FOR ONE YEAR, or will BRANT LICENSES to manufacturers, mining proprietors, and others, for the USE of his INVENTION.

this INVENTION.

This INVENTION.

Deptices, 12, Gower Street North, London.

London, March 21, 1859. Hours from Ten till Four. J. U. BASTIER C.R.

BRITISH AND FOREIGN INVESTMENT.—
MR. THOMAS SPARGO, STOCK, SHARE, AND MINING BROKER, 224,
and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., TRANSACTS EVERY DESCRIPTION OF BUSINESS in the FURCHASE and SALE OF
SHARES in BANKS, CANALS, MINES, RAILWAYS, BRIDGES, INSURANCES,
and ALL OTHER DESCRIPTIONS OF BRITISH and FOREIGN STOCK.
Mr. Spargo has for sale shares in English mines paying from 10 to 20 per cent. upon
the present price, in bi-monthly and quarterly dividends, as also a number of shares in
good progressive mines, some of which he with confidence specially recommends to the
public as sound investments.
Mr. Spargo gives every information as is negligible to the

public as sound investments.

Mr. Spance gives every information as to position and prospects of all mining understakings, upon application, either personally or by letter, and is enabled, through his long experience, added by his monthly visits to Cornwail, Devon, and Wales, to obtain the most reliable information as to the numerous mines in those districts. He will at all times give the best advice as to investment in mines, and, if necessary, inspect them himself; as in all cases he wishes to be guided by the intrinsic value of the property. Upon the receipt of 5s, he will furnish a selected list of dividend and progressive companies.

Panies.

Mr. Branco has published the following works, viz.:—

Biatistics and Observations upon the Mines of Cornwall, 1859, price 2s. 6d.

Ditto ditto 1862, price 2s. 6d.

Ditto ditto 1862, price 5s.

Physical, Geological, and Pariah Map of Cornwall. Scale, three miles to an inch.

Printed in three colours, showing distinctly the mining districts, the height of the hills,

&c. Price 19s. 6d., on cloth and rollers.

Geological maps of the various mining districts, showing the boundary line of each mine, with the lodes, cross-courses, and elvan courses by which it is traversed. Price

2s. 6d. each.

A Model, or Relief, map of Cornwall (6 ft. 6 in. by 5 ft.), presenting the names of wary town and village, as also every characteristic point of the county. Price £5 5s.

Dividends received, calls paid, and all orders promptly negociated.

Commission 13/2 per cent.

Mr. Spanoo has 20 years' experience of mining, ten of which he was engaged in pracical mining, and ten years he has transacted business in mining shares and speck, at 24 and 225, Greebam House, Old Broad-street, City, E.C.

Mr. Spanoo's Statistics for 1855 will soon be published.

Bankers: Bank of London, and the Metropolitan and Provincial Bank (Limited.)

R. BRENTON SYMONS INSPECTS and REPORTS on ANY MINERAL PROPERTY. In all cases where procurable a plan will acany his report.—18, Hatton-garden, E.C.

GLAMORGANSHIRE WORKING BITUMINOUS COLLIERIES, NEAR BRITONFERRY, FOR SALE,

TO SILVER MINING COMPANIES.—The II.AF.1). Y M MFA (or PRINCE OF WALES) GOLD AND SILVER-LEAD MINING DOW. PANY (LIMITED) have FOR RALE, the same having proved unsuitable for the purposes, SIXTEEN FREYBERG REVOLVING BARRELS, and FOUR LANGE WASHING VATS, with driving shafts, wheels, &c., all but new, the whole forming complete plant for treating silver ores by the Freyberg process. Also, SIXTE DOY. TLES of QUICKSILVER.—For inventory, price, and all other particulars, apply the manager, Mr. Thucaks BLT, Prince of Wales Mine, Dolgelly; or to Mr. Gosmas Walson, the company's secretary, at their office, No. 2, George-street, Sheffield. WORKING BITUMINOUS COLLIERIES, NEAR BRITONFERRY, FOR SALE.

TO BE SOLD, BY AUCTION, at the Castle Hotel. Neath, on
Wednesday, the 19th of April, 1865, at Three o'clock in the afternoon, subject to
conditions to be then and there produced, the SWAN AND PARK COLLIERIES,
and the MINERALS UNDER upwards of FOUR HUNDRED ACRES of LAND,
situate in the parish of Bagian, near Britonferry, held for terms of years (determinable
by issuess) of which 33 years and 55 years respectively are unexpired, at moderate
siceping rents and royaltide, together with the PLANT and MACHINERY to the said
collieries respectively belonging.

The collieries are close to the harbour and docks of Britonferry, where the coal is now
shipped, and the Bouth Wales Railway runs within a few yards of the pits.

Further particulars may be obtained of Mr. Thos. JENKINS, from merchant, Britonferry; and at the offices of Mr. Randall, solicitor, Neath, where the leases may be in-

WHEAL ANNA, ST. HILARY, NEAR MARAZION, CORNWALL

FOR SALE, BY PRIVATE CONTRACT, the WHEAL ANNA MINE, with the MATERIALS thereon, situate in the parish of St. Hilary, near Marazion, Corawali, adjoining the Great Wheal Prosper Mines.

The materials consist of a 70 in. cylinder PUMPING ENGINE, with THREE

The materials consist of a 70 in, cylinder FUALTERS
BOILERS complete.
36 in. cylinder PUMPING ENGINE, with ONE BOILER.
33 in. DOUBLE STAMPING ENGINE, 9 ft. stroke, with ONE BOILER

32 in. DOUBLE STAMPING ENGINE, 9 ft. stroke, with ONE BOILER, and 38 heads of stamps.

22 in. WINDING ENGINE, with BOILER and cage.

Capstans, shears, balance-bobs, capstan rope, a large number of 17 in., 16 in., and 12 in. pumps, with windbores, doorpieces, it pieces, piunger poles, working barrels, rods, rod plates, caps, shaft roller, rod and flange boits, rail iron, chain, ladders, whims, &c.; Brenton's calciners, with thin frames, trunks, baddies, &c.; smiths' and miner' tools, &c.

To view the same, apply to the agents, on the mine; and for further particulars to Mr. J. P. BENNEYER, Falmouth; or to Messrs, Joins Taylon and Sons, 6, Queen-strangles, Upper Thames-street, London.—Nov. 1, 1864.

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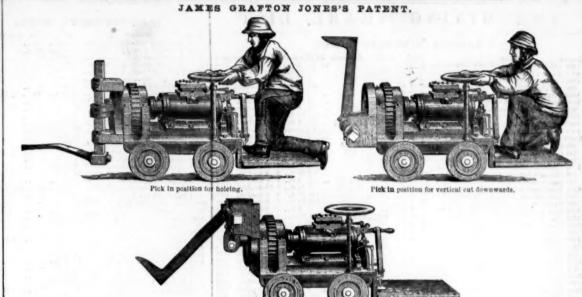
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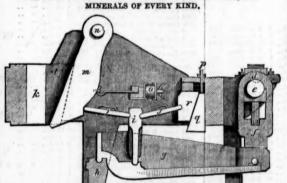
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Extract from Specification:—A short but powerful vibration is imparted to one or both of the laws by any convenient arrangement, and combination of powerful levers, worked by a crank or eccentric on the main shar.

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Welsh Gold Mining Company, Dolgelly,—The stone breaker does its work admirably, ushing the hardest stones and quartz.

crushing the hardest atones and quartz.

Our 15 by 7 in. machine has broken 4 tons of hard winstone in 20 minutes, for fine road metal, free from dust.

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Joun Lancester.

limestone or ore per day (10 hours), at a saving of 4d, per ton.

Overa, Ireland.—My crusher does its work most satisfactorily. It will break 10 tons
of the hardest copper ore stone per hour.

General Frémont's Mines, California.—The 1b by 7 in. machine effects a saving of
the labour of about 30 men, or \$75 per day. The high estimation in which we hold
your invention is shown by the fact that Mr. Park has just ordered a third machine for
this estate.

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Prize Medal Awarded Great Exhibition, 1851, and International Exhibition, 1862.



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1 .81 mon 1

MINING THE SHARE LIST

BRITISH DIVIDEND MINES.
Shares. Mines. Paid, Last Pr. Business, Dividends Per Bhare. Last pai
1200 Alderiev Edge (cop.), Cheshire [L.]., 10 0 0.
4000 Bedford United (copper), Tavistock† 2 6 8 214
200 Botallack (tin, copper), St. Just 91 6 0
1600 Brixham Hematite Iron [L. £8] 6 7 6
1000 Bronfloyd (lead), Cardigan [L. £15] 12 0 0
916 Cargoli (silver-lead), Newlyn 15 5 7 23 20 22 10 0 0 0 15 0 Mer. 198
1900 Carn Brea (copper, tin), Illogan 15 0 0 280 10 0 2 0 0-June 196
2850 Clifford Amalgamated (cop.), Gwen 30 0 0 3014 34 3 6 6 12 6 Pob 196
2000 Copper Miners of England 25 0 0 42
40000 Ditto ditto (stock) 100 0 0., 1 per cent, -Half-yrly.
867 Cwm Erfin (lead) Cardiganshire [L.] 7 10 0 37 39 - 14 18 0 1 0 0-Mar. 1861
128 Cwmystwith (lead), Cardiganshire* 60 0 0 150 - 275 10 0 4 0 0-Jan. 186
250 Derwent Mines (8111845), Durham 300 0 0 153 0 0 5 0 0 - June, 1864
186 Devon Gt. Con. (cop.), Tavist. [S.E.] 1 0 0 953 0 010 0 0 -Jan. 186
308 Delecate (copper,tin), Camborne 128 17 8 786 10 0 5 0 0—Feb. 1861
812 East Basset (cop.), Redruth [S.E.]* 29 10 0 15 12% 15 126 0 0 1 0 0-Nov. 186
East Caradon (copper), St. Cleer [S.E.] 2 14 6 15 141/2 15 12 12 0 0 10 0-Jan. 1861
300 East Darren (lead), Cardiganshire* 32 0 0 103 10 0 2 0 0-Feb. 1860
128 East Pool (tin, copper), Pool, Illogan 24 5 0
200 East Rosewards (Cop., till), Gwinear. 2 15 0 2 21/2 0 4 6 0 2 0-Feb. 1861
2000 Mass. v. Hafn (lead) [L]
9000 Marke Valley (copper), Caradon 4 10 6 5 4% 5% 2 18 0 0 9 6 Inn 1965
3000 Minera Boundary (lead), Wrexham [L.] 1 0 0 0 6 0 0 2 0 - Mar 1865
1800 Minera Mining Co. [L.], (ld.), Wrexham 25 0 0 169 18 0 7 0 0—Feb. 1865
20000 Mining Co. of Ireland (cop., lead, coal) 7 0 0
40000 Mwyndy (iron ore) [L. £4] [S.E.] 2 10 0 — 0 4 0 0 2 0—April. 1864
250 Nanty Mines (lead), Montgomery 20 0 0 — 7 0 0 1 0 0—June. 1864
6000 New Birch Tor and Vitifer Cons. (tin). 1 6 6 0 11 0 0 1 6-Oct. 1864
5036 North Treskerby (copper), St. Agnes. 1 9 0. 214. 234 254 . 0 13 0. 0 2 6—Feb. 1864
300 Parys Mines (copper), Anglesey [L.]. 50 0 9 — 135 0 012 10 0—Jan. 1865
1130 Providence (tin), Uny Lelant† [S.E.] 10 6 7 32 29 31 76 5 0 1 0 0—Feb. 1865
• 467 10 0 8 0 0-Jan. 1865
400 St. Day United (tin), Redruth 14 0 0 0 5 0 0 5 0-Mar. 1864
840 St. Ives Consols (tin), St. Ives 8 0 0
6000 Tincroft (cop, tin), Pool, Illogan [8, E.] 9 0 0 1414% 15% as 16 1 0 0 10 0—Dec. 1864 6000 West Basset (copper), Illogan [8, E.] 1 10 0
\$000 W Chireston (IA) Personnehuloeff P 1
000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000
** 50 10 0. 1 0 0-Nov. 1864
All Wheel Besset (corpor) Illograph G E 1 5 0 0 105 100 105 100 100 100 100 100
4000
1094 Wheel Witty (tip) Thy Lelent (S. P.) 2 0 6
1004 dept. Many Ann (14) Manhantet (0 P) 0 0 0
80 Wheai Owles (tin), St. Just, Cornwall 70 0 0 843 3 0 5 0 0 May 1964
396 Wheal Seton (tin, copper), Camborne . 58 10 0 2024 1974 2024 191 15 0 4 0 0 Feb 1865
1040 Wh.Trelawny(slild.), Liskeard [S.E.] 5 17 0. 2014. 1914 20 . 51 10 0. 0 12 6-Mar. 1861
7000 Wicklow (copper) [L.], Wicklow 2 10 0 14 17 0 0 6 0-Oct. 1864

[* Dividends paid every two months. † Dividends paid every three months.]

BRITISH MINES WITH DIVIDENDS IN ABEYANCE.

	Butter and a series and a series and a	THE MEDICAL CASE
	Boscean (tin), St. Just 20 10 0 — Chiverton (lead), Perranzabuloe [S.E.] 6 0 0 614 6 614	36 10 0 1 0 0-Mar. 1862
954	Condurrow (cop., tin), Camborne 76 10 0 55 50 55	01 00. 0 00 7 100
		85 0 0 2 0 0-June, 1857
	Conney Hill (copper) Redruth 10 0 0	1 7 0 0 7 0—May, 1862
	Creddock Moor (conner) St Clear 9 0 0	
	Down and Connwell (con) Towlstock & & 9	7 12 0 0 4 0-July, 1862
	Deska Walla (tin conner) Calatook 9 1 0	0 10 0 0 2 6—Feb. 1859
	Dyfngwm (lead), Wales 12 6 6	0 18 0 0 1 6-May, 1862
	Fowey Consols (copper), Tywardreath 4 7 6	0 17 6 0 2 6—Jan. 1863
	Great South Tolgus (copper), Redruth 0 14 6 24 2 21/4	41 9 3 0 2 6—June, 1860 7 18 6 0 5 0—Dec. 1861
	Great Wheal Fortune (tin), Breage 19 12 0 2 11/4 2	. 5 15 0. 0 10 0-Nov. 1863
10940	Gunnislake (Clitters'Adit) (copper) 0 2 0	0 3 0 0 1 6-Mar. 1862
	Levant (copper, tin), St. Just 2 10 0	1091 0 0 5 0 0-May, 1860
640	Mount Pleasant (lead), Mold 4 0 0	18 18 1 0 7 6-Aug. 1862
2000	Orsedd (lead), Flintshire 0 0 8	0 10 4 0 0 8-Mar. 1862
6460	Par Consols (cop.), St. Blazey [S.E.]. 1 2 6	36 19 0 0 2 6-Mar. 1863
1773	Polberro (tin), St. Agnes 15 0 0	7 19 6 0 10 0-Nov. 1863
519	Polbreen (tin), St. Agnes 8 0 0	1 0 0 1 0 0-July, 1863
	Rosewall Hill and Ransom United 3 10 34	0 10 0 0 1 6-June, 1863
5000	South Exmouth (lead), Christow 2 20	0 5 0 0 5 0-Dec. 1862
	South Tolgus (cop.), Redruth 8 0 0 24 21 23	74 10 0 1 0 0-May, 1863
496	S. Wh. Frances (cop.), Illogan [S.E.]., 18 18 9 45	370 18 6 1 0 0-Nov. 1863
380	Spearne Moor (tin, copper), St. Just 32 17 9	9 15 0 1 0 0-June, 1862
	Trelyon Consols (tin), St. Ives 14 10 0	7 0 0 0 10 0-Sept. 1860
	Trumpet Consols (tin), near Heiston 11 10 0	11 0 0 2 0 0-Mar. 1862
	Twelve Apostles Amal. (ld.), Wrexham 1 0 0	
	Vigra and Clogau (copper) [L. £5] 5 0 0	6 26 1 10 0-Mar. 1864
	Wendron Consols (tin), Wendron 20 18 10	8 15 0 1 0 0-Jan. 1861
. 60	West Burton Gill (lead), Yorkshire 50 0 0	14 10 0 8 0 0-June, 1861
1024	West Caradon (cop.), Liskeard [S.E.]. 9 0 0	101 1 3 0 10 0-Oct. 1862
1000	Wheal Basset and Grylls (tin) 7 0 0	3 0 0 0 10 0-Oct. 1863
1034	Wheal Friendship (copper), Devon 20 0 0	295 10 0 5 0 0-Feb. 1861
806	Wheal Margaret (tin), Uny Lelant 13 17 6	76 50 1 00-May, 1863
3044	Wheal Tremayne (tin), Gwinear 6 11 3	6 1 8 0 6 0-Nov. 1863
2400	West Fowey Consols (tin and copper). 7 10 0	0 19 0 0 3 0-May, 1862

	FUREIGN	,,		DEMD	DI T TA	PE					
	Australian (cop.), S. Australia [S.E.] 7 Burra Burra (cop.), South Australia. 5									1 0—Dec.	
6000	Central American (silver) [L.] 5	0	0							4 10-Dec.	
15000	Cape Copper Mining [L. £10] [S.E.] 7	0	0	11141034						5 0 -Sept.	
19000	Cobre Copper Co. (cop.), Cuba [S.E.] 40	0	0	27 25	-					0 0-Jan.	
20000	Don Pedro No. Del Rey [L. £1] [S.E.] 0 English and Australian	13	0							0 9—Dec.	
14000	East Indian Coal, Calcutta [L.] 10	ä	0			••				2 0-Aug. - Yes	
	Fortuna (lead), Spain [L.] [S.E.] 2		0	314 234			0 14	4	0	0-June	1864
25000	Gen. Mining Assoc., Nova Scotia[S.E.]20	0	0	24 23			21 10	0	1 (0 0-June	1864
68000	Kapunda Mining Co., Australia [S.E.] 1	0	0							1 0-June	
	Linares (lead), Spain [L.] [S.E.] 3		0	6 4%						5 0—Jan.	
	Lusitanian (Portugal) [S.E.] 2 New Wildberg (copper) 2		0		42 .	•				3 0—Jan.	
80000	Panulcillo (copper) [L. £4][S.E.] 3		0	4	41/	• •				0 0-Ang. - Yes	
10000	Pontgibaud(sillead), France [8.E.]20		0			:				6 0—Dec.	
97500	Port Phillip (gold), Clunes [S.E.] 1	0	0							1 0-July,	
	St. John del Rey [L.], Brazil [S.E.]. 15		0	34 32	34 .		63 18	0	2 1	0 0-June	1864
43174	United Mexican(sil.), Mexico[S.E.] 28		0							5 0-Sept.	
10000	Vancouver (coal) [L. £10]		0		51/6					b 0-Nov.	
90000	West Canada Mining Company [L.] 1		0	=		••				5 3—Jan.	
	Vudanamutana (con.), S. A. II. 168 E 13		0		V 9	••				5 0—Dec.	

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE.

10000 Alten and Quenangen Uni. (cop.)[L.£5]4	10 0	-			4 5 0 0 15 0-Nov. 1852
10000 Copiapo Mining Company, Chili [8.E.] 16	0 0	-	 3		6 18 0 0 10 0-Nov. 1869
10000 Gt. Barrier Land, Min., &c., N. Ze. [L. £5]5	0 0	_			15 per centMay, 1859
103815 Mariquita and New Granada [S.E.] 1	0 0	14		**	0 9 6 0 1 6-July, 185

NON-DIVIDEND FOREIGN MINES

### ### ### ### ### ### ### ### ### ##	MON-DIVIDEND FOREIGE	, DIT	MED.			- 1
100000 Alamillos (lead), Spain] L. £2] (S.E.] 1 5 0 136, 137, 136, Sept. 1864 100000 Alamillos (lead), Spain] L. £2] (S.E.] 0 5 0 36, 36, 37, 37, 38, 38, 39, 39, 39, 39, 39, 39, 39, 39, 39, 39	Bhares. Mines.	Paid.	Last Pr	. Bus. don	e. Last Ca	n.
100000 Anglo-Brazillan (gold) [L. £1] [S.E.]	35000 Alamillos (lead), Spain L. £2] [S.E.]	1 50	156	134 156	Sent. 18	84
20000 Baris Tin Streaming Company [L. £1] 0.17 6 0.11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100000 Anglo-Brazilian (gold) [L. £1] [S.E.]	0 5 0	36	14 34	Dec 18	40
1000 Central Italian (copper) (7000 £2 paid]	20000 Beariz Tin Streaming Company [L. £1]	0 17 6			Oct. 18	68
1000 Central Italian (copper) (7000 £2 paid]	25000 Capula (silver), Mexico [L. £2] [S.E.]	1 50	114	1 1%	Feb. 18	64
Total Tota	17000 Central Italian (copper) [7000 £2 paid]	0 6 0			Jan. 18	59
Total Tota	10000 Copiapo Smelting [L.], Chili	0 0 0			Fully pa	id.
1500 E Chico Silver Mining and Reduction Company [L. £5] 3 0 0 1% .1% 1% .Feb. 1865	78000 Dun Mountain (copper), New Zealand [L. 1 [S. E.]	1 0 0			Fully pa	id.
15000 El Chico Silver Mining and Reduction Company [L. £5] 3 0 0	50000 East del Rey (gold), Brazil [L. £3] [S.E.]	3 0 0	134	134 134	Feb. 18	85
## ## ## ## ## ## ## ## ## ## ## ## ##	15000 Et Chico Silver Mining and Reduction Company [L. £5]	3 0 0				
## 4000 Fortune (copper), West Australia [L.] ## 5000 Frontino and Bolivia (gold), New Granada [L. £2] [S.E.]. 1 0 0	8000 English and Canadian Mining Company [L.]	5 0 0			Fully pai	ia.
Second Frontino and Bolivia (gold), New Granada [L. £2] [S.E.]. 1 0 0	40000 Fortune (copper), West Australia [L.]	2 0 0			Fully pa	id.
2000 Great Northern (copper), South Australia [L. £2] (S.E.) 1 10 0	50000 Frontino and Bolivia (gold), New Granada [L. £2] [S.E.]	1 0 0			Mar. 18	85
24000 Hindostan (copper), Bengal [L. £5] 3 0 0	80000 Great Northern (copper), South Australia [L. £2] [S.E.]	1 10 0				
19000 Lagunaxo (sulphur, copper), Portugal [L.] 1 0 0 - Fully paid.	24000 Hindostan (copper), Bengal [L. 45]	2 0 0				
10000 Lagunazo (atipitur, copper), Portugal [L.] 1 0 0	4000 Hope Silver-Lead and Copper Mining Co. [L.], Jamaica	15 0 0			Fully pai	id.
00000 Montes Aureos (gold), Brazii [L.](S.E.] 2 0 0 34 36	130000 Lagunazo (sulphur, copper), Portugal [L.]	1 0 0				
50000 Nova Scotia (land and gold) [L. £2] 1 0 0	90000 Montes Aureos (gold), Brazil [L.] [S.E.]	2 0 0	34	36 86		
10000 Otea (copper) New Zealand [L. £2]	50000 Nova Scotia (land and gold) [L. £2]	1 0 0				
15000 Pachuca Silver Mining Company, Mexico [L. £1] 1 0 0	10000 Otea (copper) New Zealand [L. 42]	0 15 0				
Stock Sept. 1884 Sept. 18	15000 Pachuca Silver Mining Company, Mexico [L. £1]	1 0 0				
28000 Quebrada (copper), Venezuela [L. £10]	6000 Peel River Land and Mineral [Limited]	0 0 00				
April, 1864 10000 San Grande (gold), Brazil [L. £1] S.E.]. 0 5 0	23000 Quebrada (copper), Venezuela [L. £10]	6 10 0	4	414 K		
10000 San Roque (lead), Spain	\$0000 Rossa Grande (gold), Brazil [L. £1] [S.E.],	0 5 0				
30000 Santa Barbara (gold), Brazil [L. £1]	10000 San Roque (lead), Spain	8 0 0		~ ~		
190000 Scottish Australian Mining Company [L. £1]	60000 Santa Barbara (gold), Brazil [L. £1]	0 15 0	34			
18000 South Europe Mining Company, Spain [L. £5] 5 0 0	120000 Scottish Australian Mining Company [L. £1]	0 17 6	-	34 34		
12000 Teplitz Collery Co., Bohemia [L. £5]	15000 South Europe Mining Company, Spain [L. £5]	5 0 0				
5000 Valgodemard Mining Company [L. £20] 10 0 0 Oct. 1864	12000 Teplitz Colliery Co., Bohemia [L. £5]	3 0 0				
50000 Vallangaroa (gold), Italy [L. £1] [S.E.]	5000 Valgodemard Mining Company [L. £20]	0 0 0			Oct 10	04
1000 Western Africa Malachite (copper) [L.] 10 0	50000 Vallangasca (gold), Italy [L. £1] [S.E.]	0 10 0	176	156 136	Oct. 18	24
1000 Washee (s)id) [10000 45 paid, 10000 45 paid]	45000 Victor Emanuel (copper), Italy L.	1 0 0	78	/8 - /8	- Philippel	id I
1000 Western Africa Malachite (copper) [L.]	20000 Washon (sold) [10000 #5 paid, 10000 #3 paid]	-	_		sex unity but	u.
19000 Wheal Ellen (copper), South Australia II.	1000 Western Africa Malachite (copper) [L.]	0 0 0			Oct 10	60
80000 Werthing (copper . South Australia [L.] [S. E.]	19000 Wheal Ellen (copper), South Australia II. 1	5 0 0		-		
	80000 Werthing (copper , South Australia [L.] [8.E.]	1 00	34	86 74		

PROG	RESSIVE	MINDO

1		-						=
	PROGRESSI	v	P 1					
884	res Mines.	Pai						
7	M Aboutoway (all load) Words	4.1	0 0	-		done. La	r. 186	12. 64
60	00 Ait-y-Crib (lead) [L. £5] 10 Bagtor (tin) [L.] 10 Bedford Cons. (cop.), Tavistk.	2	2 6	-	**	Ful	ly pai	о з
820	00 Bedol Aur (lead), Holywell 00 Billins (lead)				••	Fet	. 180	65
		2 1	D 0	_	**	Ful	ly pai	d.
001	00 Bottle Hill (tin) Plympton 00 Bromlow(id.), Minsterley, Salop	11	0 6	44.	16 9	3 M.S.	r. 180	80
30	00 Brynford Hail (lead), Flint	30	0 0		••	Ful	. 186	63
183	2 Bryntail (lead), Llanidloss				••	Jun	e, 186	64
100	2 Bryntail (lead), Llanidloss 5 Calvadnack (tin), Wendron 0 Camborne Consols (copper)	18 1	8 6	=		· · Jan	. 186	65
7500	O Cambrian Consolid (ed)(T. 49)	1 14	0 0	-		Feb	. 180	15
800	O Cape Cornwall(cop.),[L.£210s.] O Caradon& Phoenix Cons.[L.£1]	1	5 0	-		Aug	. 186	
		19	0 0	= :		Sept		14
	0 Caradon Vaie (copper) 0 Carn Camborne (cop.), Cambn.			-		4s. Jan.		
2000	8 Carnyorth (tin), 8t. Just 0 Carysfort [3200 £2] 4 pd., 16800. 0 Castleward, Ireland [L.] 0 Cefn Cilcon (id.), Flint [L. £5]	4 1 p	6 0	= .		Dec	186	
1000	O Castleward, Ireland [L.]	1 (0 0	- :		Full	7 pai	a
80	0 Cefn Cwm Brwyno (lead)	4 3	0 0	= :		Man	. 186	15 54
			0	4 .	. 34	Jan.	186	15
307	0 Clara Unit. Ponterwyd [L. 23] 2 Cleer's Hill (tin), St. Stephen's 0 Cleveland (tron), [L. £20]1	0 1	1 4	-		Jan	. 186	14
500	O Cleveland (iron), [L. £20] 1 7 Clijah & Wentworth (tin, cp.) 8	0 (0			Mar	. 186	5
300	O Clowance Wood (tin) [L. £5].	3 (0 0		•	Oct.	186	4
5000	0 Clowance Wood (tin) [L. £5]. 0 Coolartra & Bond[L.][8300.£ipd. 0 Coonnorree (cop., suiph.) [L.] 0 Cornish Clay and Tin [L.] 0 Cornubia(tin)[L.£3][4000 30s.pd	1 0	0	22s.	208. 2	lsFull	y paid	1
1200	O Compubia(tin)(I. #31[4000 30s p4	80	NO 2 K.	4 2	-	Full	y paid	1.
3000	Cranver and Wh. Abraham [L.]	3 1	0.0		•	Feb.	186	
1200 250	O Crelake (cop.), Tavistock O Crowan Consols (cop.), Crowan	2 10	0	- :	:	Apri	1,186	4
803	Crowan&Wendron(cop.)[L.#1]	0 9	6	-		Oct.		
5000	Cuddra (cop., tin), St. Austell	9 0	0		:	Dec.	, 186	1
3500	Dale (lead), North Stafford.	1 0	0	= :		May		
679	Darren (lead) [L.], Cardigan Ding Dong (tin), Gulval 4	4 10	6	16 .	. 14 16	THOY	186	•
20000	Daie (lead), North Stafford. Dairen (lead) [L.], Cardigan. Dairen (lead) [L.], Cardigan. Ding Dong (tin), Gulval Ding Dong (tin), Gulval Ding Dong (gold) [L.£1] Eaglebrouk (lead) [L.£20] Eaglebrouk (lead) [L.£20]1	7 10	0	_ :	•	June	. 186	4
			0.0			Feb.	186	5
20000	Past Cambrian (gold) IT. £13.	0 15	0	=:		Aug	186	4
2000	East Chiverton (lead)	2 18	0	14.	6% 69	Feb.	186	3
2048	E. Falmouth (sld.), Kenwyn	5 0	6	-		Apri	186	4
6000	E. Grenville (cop.), Camborne	2 12 4 0	0	416.	334 4	Feb.	1861	5
*000	E. Gunnislakes S. Hedda. (cop.)	119	6	14.		Sept.	1864	4
6000	East Jane (silid.), Cardinham East Laxey (lead) [L. £3]	0	0	- :		Dec.	1860	
8000	E. Polherro(tin) (L. £1)[4000£1nd	400	00 120	.6d.pd	i. ₃	Feb.	1868	Б
8986 6000	East Spacell (lead) [L. £3] 2	0	0	214	2 2 1	Dec.	1864	1
5610 256	East Seton (cop.), Camborne East Tolgus (copper), Redruth 9	0 10	0	= :		Dec.	1868	8
9600	E. Treskerby (cop.), Redruth. 16 East Wheal Abraham (copper).	0 13	6	214.	2 234	Dec.	1864	1
1190	E. Wheal Agar (cop.), St. Cleer 12	2 17	0	= :		Jan.	1864	5
2048	E. Wheal Ellen(cop.)St. Agnes East Wheal Grylla (tin, cop.)	15	0	:		Jan.	1864 1868	5
6000	East Wheal Grylls (tin, cop.) E. Wh. Russell, Tavis. [S.E.]. East Wheal Vor (tin and cop.)	0	0	214	1% 13	Dec.	1864	1
6144	Erwfelin (lead), [L. £2] Esther Und. (tin), Cardingham		4	= ::		Dec.	1864	١
6000	Fostescue Consols	1 2	6	= ::		April		
1026	Garden, Morvah		9	56:		Aug.	1864	Н
4000 6000	Gawton (copper), Tavistock 2		6	- ••		Mar.	1865 1865	
30000 1024	Gen. Min. Co. for Irel. (cop.) (GlasgowCaradonCon.(cp.)[L.] (Godelph) (cop. tin) (Crown.	0	0	- ::		Fully		
5700 2000	Goginan (silver-lead) 15		5	- ::		Oct.	1864 , 1864	H
6144	Golch Hill (lead), Flintshire Gonamena (copper), St. Cleer. 4 Goonzion (copper), St. Neot 1	13	0	21/4	21/4 21/4		1865 1865	ı
3000	Gothic (sliver-lead), Cardigan. 1	0	0	2%		No ca	1864 II.	1
486	Gramb. & St. Aub. (cp.) [S.E.] 65 Great Brigan (cop.), Redruth.	14	0	- ::	6.8	Mar.	1865 1865	
4096 10000	Great Caradon (cop.), St. Ive. 2 Great Devon and Bedford [L.]. 2	16	6	314	3 314	Dec.	1864 1865	1
3000 5000	Gt. East Lovell (tin), Helston 1 Great North Downs (copper). 4	0	0			Jan.	1885	1
12500 6000	Gt, No. Laxey (I.of Man) [L.£1] 0	10	6	314	3 31/4	Feb.	1865	I
6000	Great S. Chiverton (sillead).	11	0	- ::		Feb.	1885	ı
52000 3000	Great West Chiverton (lead) 1	0	0	= ::	311	June,	1864	1
8313 6000	Great Wheal Baddern (tin) 7 Gt.Wh. Busy (cop., tin), Ken. 13	19	6	- ::		June,	1864	1
8072 10000	Gt. Wh. Grylls (tin, copper) 1 Gt. Wh. Metal, Breage[L. £2] 1 Grit and Stapeley (lead).[L.] 10	0	0	- ::		Jan.	1865	1
2500 4000	Grit and Stapeley (lead), [L.] 10 Grylis Wheal Florence (tin) 1		0	- ::		July,	1864	1
6068	Chwydyr Park Con Llangwet I	7	0	3 ::	214 3	Feb.	1864	ı
6400 5000	Hallenbeagle (copper)	6	6 0	16	-74 0	Sept.	1864 1864	1
7219	Hawkmoor (tin,cop.) Calstock 3	7	6	- ::		July,	1864 1864	١
8000	Hendre (lead), Flint [L. £5] 3	10	6	- ::		Jan.	1865	ľ
6000	Hingston Down (cop.), [S.E.] 5 Illogan (tin and copper) 0	10 (6		3% 3%	Jan.	1863 1865	ı
5000 6000	Illogan (tin and copper) 0 Kelly Bray (ld.), Callington. 5 Keswick (lead), Portinscale . 5	6	6	%	* *	Mar.	1865 1862	1
96 6000	Kilmorey (lead)	9 1	0	14:	% %	Feb.	1864 1865	
4500 1019	Lanivet [L. £2] [1500 10s. pd.] 2 Leeds & St. Aubyn (tin. cop). 18	0	0		/8 /8	Feb.	1865	
963	Lelant Cons. (tin), Uny Lelant 35	0 (0	:::		Mar.	1865 1863	ı
4000 2000	Liantwit Vardre (coal), [L.£5] 4 Long Rake (lead), Flint 5 Lower Park (ld.), Denbigh [L.] 3	5 (0	ī ::	% 1	May,	1864 1865	١
2000 6000	Lower Park (ld.), Denbigh [L.] 8 Maudlin (copper), Lostwithiel 4	4	0	9 ::	8 9	Jan. Dec.	1864 1864	
4480 3000	Merllyn (lead), Flint 4 Minera Western Boundary [L.£1] 0	9	6	- ::		June,Sept.	1864 1863	
3000 6000	Mineral Bottom (lead) 3 Molland (cop.), 8. Moulton 3	0	0		1% 5%		1862	1
1024 4000	Mangiles (tin, copper), Kea 20	0 (0 1		6 161/2	Jan.	1865	2
512	Nanteos (lead) [L. £1] 0 Nant Minera (lead), [L. £20] 6 Nant-y-Iago (ld.), Merioneth 8	10	0	:::		Sept.	1864 1865	1
6400 6000	New Clifford [L. £4] 1	0 1	8 0	:::		May,	1863 1864	1
10000 24000	New Concord (silld.) [L. £3] 1 New Cornish [12000 £1 paid, 1200	0 1	2s. pa	ia] ::		Dec.	1864	
6400 6000	N. Crow Hill (Id.), St. Stephen 2 New East Birch Tor (tin) 1	0	0	:::		Feb.	1864 1865	1
6514 6400	New E.Russell (cop.), Tavistk. 0 Nether Hearth (lead), Dufton 0	9	6	- ::		Mar.	1865 1863	1
400 6400	New Hendra (tin, cop.), Breage 4	1	0			Nov.	1864	1
1024	NewRosewarne(cop.),Gwinear 2	10 16	0	- ::		Dec.	1864	1
1869	New S. Caradon (cop.), St. Cleer 0 New Treleigh (cop.), Redruth 3 New Trevenen (tin), Wendron 7	16	0	- ::		Dec.	1868	1
960 470	New Trevenen (tin), Wendron 7 Newtownards Min. Co., Down 50 New Wendron (tin), Wendron 7	0	0	- ::		Oct.	1864	1
1024 1024	New Wh. Grylls (tin and cop.) 3	10	6	:::		Dec.	1864 1863	1
4098	New Wheat Lovell (tin) 0 New Wheat Martha (cop.) [L.] 1	16	0		1% 1%	Jan.	1865 paid.	1
400 6000	New Wh. Seton (cop.), Camb. 40 New Wh. Vor & Metal Utd. (tin) 0	15	6	- **	70	May.	1865 1864	1
1024	North Buller (cop.), Redruth . 27 North Chiverton (lead 1	3 1	6	24::		Dec. Mar.	1864 1865	1
6000	North Devon (silld.) [L. £1] 0 N. Dolcoath (cop.), Camborne 3	13	0 6			Oct.	1868	1
6000	North Downs (con.) Redruth 3	6 4				Mar.	1866	1
1361	North Frances (cop.) 14 N. Grambler (cop.), Redruth 4 N. Gt. Work, Breage [L. £3] 2	15	6 0	- ::		Feb.	1865	1
16000	N. Hallenbeagle [8000 £1pd,.8000 8	8s. 6	a. pa.			Aug.	1863	
6000	North Jane (tin, silver-lead). 9	9	6	11/4		Aug.	1864	1

GAZETTE.	[MARCH]	8, 1865,
Shares. Mines. 4000 N.Phunix(cop.)Linkinghorn	Pasd. Luss Pr. B.	se done. Las G
6400 No. Pool (tin & cop.), Illogan 700 N. Roskear(cop.), Camborne	. 1 15 8 814	316dan 1
6144 North Rosewarne (copper) 2000 No. Shepherd (lead), Newlyn 6000 N. Wh. Basset (cop., tin) [S.E. 6610 North Wh. Crofty (cop.) [S.E.	3 0 0	
6610 North Wh. Crofty(cop.) [S.E.	1 4 8 0 34	-De l
\$144 W. Wh. Robert Same Spines	9 3 35 5	136da. 1
12283 Okel Tor (cop.), Calstock 8465 Pedn-an-drea (tin), Redruth 5000 Pendeen Cons. (cop.), St. Just 5000 Penhalls (tin), St. Agnes	3 8 10. — 4 8 6. %	% 1 -Au
5000 Penhalls (tin), St. Agnes 512 Penhallow Moor (sliver-lead)	2 16 0 ::	-Feb. 1
6000 Penralt (sil. id.), Merion, L.	2 7 0	- Moy, 1
6000 Polhigey Mour (tin), Wendron 12800 Prince of Wales (tin), Calstoc 6000 ProsperUni.(tin,cp.),8t. Hilar		- Pak.
10156 Redmoor(cop.,tin), Callingto	y 7 1 6 41437 m 0 14 6 —	4 1/4 April, in
10156 Redmoor(cop.,tin), Callingto 6000 Reinnie Laxey (tead), [L. £6]. 512 Retanna Hill (tin), Wendron. 5000 Rhafna (tead), Carnarv. [L. £1 6000 Restriggian (tron), St. Wenn.	2 17 6 ::	- Pat. 18
6000 Restriggian (iron), St. Wenn 6000 Roborough Down (cop.) [L.£3]	2 10 0. 11.1	4 1% . No mi
3998 Rosewarne Consols (copper)	4 11 6	Pil. II
3848 Rosewarne United (cp., tin) 6000 Roskear (copper), Camborne 700 Roskearnowth (cop.), Camborn	0 2 10 0 "	a 176 audan, 18
2000 Moorrier Con (tin on) St Agne	M A 19 A	. Pab. in
20000 Snaefeil (lead) Isle of Man [L.] 12500 Silver Moun. (lead) [L.]	2 0 0	1 .Fully page
800 Segienias, Montgomery (L. £8 20000 Snasfell (lead) Isle of Man [L.] 12500 Silver Moun. (lead) [L.] 20000 Sil. Veln, St. Winnow (15000 £1 4096 Sithney Wheal Metal (tin)	pd.,5000 5s. pd.] 3 10 0 214 2	- Fally pai
6000 S. Alfred Cons. (cop.), Phillack	0 17 6 21	K 31/4
100 South Bryn Gwiog (lead)	7 0 0	· Fat 100
6000 So. Buller (copper), Gwennap 4096 S. Caradon Wh. Hooper(cop.)	0 14 0	- Aug. 100
6000 South Carn Brea (cop.) 6138 S.Condurrow(tin,cp.),Camb	7 19 0 39	s. 41s Dm. 10
6138 S.Condurrow(tin,cp.),Camb 2283 Sou. Crenver(cop.),Crowan. 6000 South Darren(ld.)[L. £3]	3 6 6. 214. 2	21/4 Nov. 16
5000 S. Dolcoath & Carnarthen Con. 5000 S. Foxdale(ld.) I.of Man [L.£5	1 3 10 0 **	Due, 186
2000 South Gorland (cop.), St. Day 2000 South Grylls (copper) [L. £10] 6000 So. Herland(cop. & tin), Gwinn. 1024 S. Herodsfoot (lead) Liskeard.	4 10 0 — 8 10 0 — 0 10 0 —	-Air in
1024 S. Heriand(cop. & till), Gwilli. 1024 S. Herodsfoot (lead) Liskeard. 96 South Kilmorey (lead)	23 10 0	April, 100
2000 South Lovell (tin), Wendron 4000 S. Minera (lead) [L. £b]4 96 South Pant-y-Gof (lead)	4 10 0 2	214 Nomi.
A325 Mo. Phonnix (COD.) Linkin	7 1 4 ::	· Fub. im
937 So. Wh. Crofty (cop.), illogan 5671 South Wheal Leisure (copper).	0 13 0	12Feb. 188
400 Go Wh Saton(cop.).Camporns		Pob. 186 Mar. 188
794 Spaarne Cons. (tin), St. Just. 10000 St. Cuthbert Lead Smelt. [L.] 40000 St. David's (gold) [L. £2 10s.]	5 0 0 ::	Fully par.
2000 St. Ives Wheat Aries (th) [L. 214].	2 0 0 ::	Nov. 184
6000 St. Just Consols (tin) [L. £1] 640 Stamp Office (lead), Moid 7000 Stiperstones (id.), Salop[L.£10]	1 0 0 — 2 10 0 —	Jan. 186
920 Stray Park (cop., tin) [S.E.]. 8500 Tin Hill (tin), St. Austell		13 Mar. 186
6000 Tolcarne (cop.), Camborne 6000 Tolvadden (copper), Marazion	2 2 0 ::	Aug. 184
5000 Torr Wood, (cop.), Bridestowe 5000 Traloweth (copper), St. Erth.	7 18 8.: - ::	T. A. tot
1004 Trongrom (tin), Unv Lelant,	13 10 0 —	Jan. 1864 Due, 1861
5600 Travenen and Tremenneers .	1 12 6 — :: 7 4 6 — ::	July, 180
4096 Treweatha (silid.), Menhen. 2048 Treworlis (tin), Wendron 2500 Trimley Hall [1250 £1 pd., 126 4000 Trumpet Unit. (tin), Wendron	7 15 1	Feb. 186
4000 Trumpet Unit. (tin), Wendron	0 17s. 6d. paid] 1 9 6 — 0 17 0 —	Ont. 1864
6400 Tyne Head (tin & cop. [L. £1] 20000 Vale of Towy (lead), Carmar. 10000 Waikham & Poldice (tin) [L.] 4000 Wentnor [L. £2½] (lead)	0 16 6	Sept. 184
4000 Wentnor [L. £214] (lead) 3000 Wentworth Consols (lead)	3 0 0 84 8	Pully paid.
60000 Welsh Gold, Dolgelly [L.] 20000 West Beam (tin) [L.] 40000 West Clogau (gold), Merioneth	1 0 0	Fully paid
	2 0 0	Cos. 186
1218 W.Condurrow(tin,cop.), Cam. 3500 W. Great Work (tin), Germoe	9 8 11. — .: 2 4 9 — .: 0 4 0 — .:	. Dec. 161
19000 W. Grylls (tin), Ferrandinos	1 20	. Nov. 186
19000 West Par Con. (cp.)St. Blazey	2 17 0	Oct. 184 Aug. 184
256 West Sharp Tor(cp.), Caracon 1 1056 West Stray Park (cop.), Camb.	10 6 6 = ::	"Aug. 186 "Jan. 165 "Dec. 186 "Dec. 186
512 West Tolgus (cop.), Redruth. 5481 West Trevelyan (tin, copper)	4 8 10 60	62 Feb. 18ti
512 West Wh. Frances (cop.),1110.	8 19 6	Peb. 185
5000 West Wh. Kitty(tin), St. Agnes 0000 W.Wh.Martha(cp.&sil.)[L.£2]	0 70	July, 186 Mar. 186
3000 West Wh. Althy(cp.&sil.)[L.£2] 4096 West Wheal Vor (tin), Heiston 6000 Wheal Agar(copper), Illogan 5790 Wh. Arthur (cop.), Calstock.	1 10 0 5 18 0 1 %	1 Dec. 186
300 M Powl Bullat, mentatul [2:2:1]	4 15 6 — 0 0 0 — 20 2 7 6 —	25 Jan. 186 Dec. 186
6000 Wh. Caradon (cop.), St. Ives. 1000 Wheal Curtis (cop.), Crowan. 1	1 15 6 21444s.	0 0 F 840 Acre
6000 Wheal Crebor(cop.), Tavistock 6000 Wheal Crofty (cop.), Illogan 6144 Wh.Damsel(cp.,tin), Gwennap	1 9 6	Oct. 186
1004 Wh. Edward (cop.), Calston.	8 14 6	Oct. 186
1024 Wh. Exmouth (ld.), Chrisow	3 10 0	Jan. 140
2000 Wheal Falmouth & Sperries. 8000 Wh.Grenville(copper) [S.E.]	7 0 0 8 17 0 3¼ 3¾	4 Feb. 186 Jan. 186
8120 Wh. Harriett(cop.), Camborne	4 14 6	Jan. 186
8648 Wheal Hearle (tin), St. Just.	8 5 0	Aug. 106
	4 3 8	Jan. 196
2000 Wheal Margery (tin, copper) 2	0 16 0 23	. Dec. 196 . Peb. 186
6000 Wh. Norris (tin, cp.), St. Clear 1024 Wheal Par (tin), St. Blazey	7 16 0	. Nov. 186 Feb. 166
1024 Wheal Polmear (copper)	4 13 9	. Oct. 166 . Dec. 186
970 Wh. Prosper (cp., tin), Breage 1, 5000 Wh. Prudence St. Ag. [L. £1] 240 Wh. Reeth (tin), Uny Lelant 9	4 18 10. — 1 0 0 — 6 10 0 —	Fally pai
2000 Wheal Rose (copper), Scorrier.	0 13 8 29	30 June, 14
2048 Wh. Sithney & Carnmeal Uni. 1	3 16 6	Nov. 166
6000 Wheal Sparnon (copper)	0 18 0 —	Oct. 186
6000 Wheal Union (cop.), Redruth	5 0 0 — 6 18 6 —	. Dec. 186 . Mar. 186 Feb. 186
4096 Wh. Uny (tin.cop.), Redruin	9 17 0. 25. 22	14 a. Det. 100
1024 Wh. Vyvyan (cop.), Constantine	9 15 0	a - Aug.
994 Worvas Downs (tin), Lelant. 3097 Yarner (copper), Devon	18 6	Die. 100
		1.0-20
MISCELL. 20000 Anglo-Mexican Mint 1	0 0 0 17 . 16	7
20000 City Offices [L. £50]	7 10 0 514 5 5	is H
80000 Ebbw Vale Iron Co. [L. £50] 11 10000 Gellivara Iron [L. £50] 1 50000 Gen. Cred. & Fin. Lond. [L. £30]	0 0 0	
ovood Gen.Cred.a.Fin.Lond.[L.A.10]	4 0 0 -	Alex S

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410 Member Hilliam Milli. Co., Down bo o	**
1024 New Wendron (tin), Wendron 7 10 0	Dec. 1864 MISCELLANEOUS.
1024 New Wh. Grylls (tin and cop.) 2 1 6	May, 1863
4098 New Wheal Lovell (tin) 0 16 0	Jan. 1865 20000 Anglo-Mexican Mint 10 0 0 17 16 17
15000 New Wheat Martha (cop.) [L.] 1 0 0 1% 1% 15	156 . Fully paid. 20000 City Offices [L. £50] 7 10 0 514 5 514
400 New Wh. Seton (cop.), Camb. 40 15 0	Jan. 1865 10000 Discount Corporatn. [L.£100] 20 0 0 15 13 15
6000 NewWh. Vor & MetalUtd. (tin) 0 2 6	May, 1864 80000 Ebbw Vale Iron Co. [L. £50] 10 0 0 8171 81
1024 North Buller (cop.), Redruth . 27 3 6	.Dec. 1864 10000 Gellivara Iron [L. £50] 10 0 0 %
6000 North Chiverton (lead 1 5 0 214	Mar. 1865 250000 Gen.Cred.&Fin.Lond.[L.£10] 4 0 0 6%6% 6%
16000 North Devon (silld.) [L. £1] 0 13 0	Ont 1909 20000 General Steam Navigation 14 UU
5000 N. Dolcoath (cop.), Camborne 3 4 6	Ang 1964 20000 Humber Ironworks [L. £80] IU UU 1
6000 North Downs (cop.) Redruth 3 6 4	Man 1900 100000 Imperial Mercan, Cred. [L. 200] 5 0 0
2500 North Frances (cop.) 14 2 6	Dec 1984 150000 Inter Financial Soc. [L£20]. 0 0 0 078078
1361 N. Grambler (cop.), Redruth 4 15 0	Peb 1968 80000 Joint-Stock Discount [L. 220] 10 0 0. 674.
6000 N. Gt. Work, Breage [L. £3] 2 9 0	Ann 1964 40000 Millwall Iconworks D U U. O 078 U
16000 N, Hallenbeagle [8000 £1pd, 8000 8s. 6d. pd.]	Tule 1989 10000 National Financial L. 200]. 0 00. 174.
6000 North Jane (tin, silver-lead), 2 9 6 114	Ang 1984 19000 Nerbudda L. £20 16000 £5 pd., 6000 £2 pd. j.
2000 N. Levant (tin. cop.), St. Just 9 3 0	
20000 N. Minera (id.) [15000£1 pd.,5000 15s. pd.] 34 1/4	
Tonne Trimmond (1911) [Tananam Landana von ber] W. V.	The state of the s

. Those mines with [S.E.] appended have been admitted on the Stock Exchange. Those mines with [L.] appended have been incorporated with Limited Liability.

. Our object being to make the Share List correct, we carnestly call upon all who have the power, to aid us, by torwarding any alterations or our tion which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we appear information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will meet ready attention.

**Fully paid. London: Printed by Richard Middleton, and published by Herry English (the proprietors), at their office, No. 28, Flert Street, E.C., where all munications are requested to be addressed. — March 18, 1865.